Open Source Used In MKS Edge
1.6.0 1.6.0.268

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1.3 mawk 1.3.3 17ubuntu3

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    lib/gssapi/mechglue/g_accept_sec_context.c
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    lib/gssapi/mechglue/g_imp_name.c
    lib/gssapi/mechglue/g_imp_sec_context.c
    lib/gssapi/mechglue/g_init_sec_context.c
    lib/gssapi/mechglue/g_initialize.c
    lib/gssapi/mechglue/g_inquire_context.c
    lib/gssapi/mechglue/g_inquire_cred.c
    lib/gssapi/mechglue/g_inquire_names.c
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    lib/gssapi/mechglue/g_rel_buffer.c
    lib/gssapi/mechglue/g_rel_cred.c
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    lib/gssapi/mechglue/g_rel_oid_set.c
    lib/gssapi/mechglue/g_seal.c
    lib/gssapi/mechglue/g_sign.c
and the initial implementation of incremental propagation, including
the following new or changed files:

.. parsed-literal::

   include/iprop_hdr.h
   kadmin/server/ipropd_svc.c
   lib/kdb/iprop.x
   lib/kdb/kdb_convert.c
   lib/kdb/kdb_log.c
   lib/kdb/kdb_log.h
   lib/krb5/error_tables/kdb5_err.et
   slave/kpropd_rpc.c
   slave/kproplog.c

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*/
```
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================================
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:hidden:

copyright.rst
```
```
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#
# This program is intended to be used by "make check-copyright". It checks for violations of the coding standards related to copyright and license statements in source code comments.

import os
import sys
import re

def warn(fname, ln, msg):
    print '%s: %d: %s' % (fname, ln + 1, msg)

def indicates_license(line):
    return 'Copyright' in line or 'COPYRIGHT' in line or 'License' in line

# Check a comment for boilerplate violations. Return true if the comment
# is a license statement.
def check_comment(comment, fname, ln, code_seen, nonlicense_seen):
    text_seen = False
    is_license = False
    for line in comment:
        if not is_license and indicates_license(line):
            is_license = True
        if text_seen:
            warn(fname, ln, 'License begins after first line of comment')
        elif code_seen:
            warn(fname, ln, 'License after code')
        elif nonlicense_seen:
            warn(fname, ln, 'License after non-license comments')
        break
    # DB2 licenses start with '/*--' and we don't want to change them.
    if line != '' and line != '-*-
    text_seen = True
    return is_license

def check_file(lines, fname):
    # Skip emacs mode line if present.
    ln = 0
    if '-*- mode: c;' in lines[ln]:
        ln += 1
    # Check filename comment if present.
    m = re.match(r'^ */ (.*)', lines[ln])
    if m:
        if m.group(1) != fname:
            warn(fname, ln, 'Wrong filename in comment')
        ln += 1

    # Scan for license statements.
in_comment = False
    code_seen = False
    nonlicense_seen = False
    for line in lines[ln:]:
        # Strip out whitespace and comments contained within a line.
if not in_comment:
    line = re.sub(r'\*/.*?\*/', '', line)
line = line.strip()

if not in_comment and '/' in line:
    (line, sep, comment_part) = line.partition('/*')
    comment = [comment_part.strip()]
    comment_starts_at = ln
    in_comment = True
elif in_comment and '*/' not in line:
    comment.append(line.lstrip('*').lstrip())
elif in_comment:
    (comment_part, sep, line) = line.partition('*/')
    comment.append(comment_part.strip())
    is_license = check_comment(comment, fname, comment_starts_at, code_seen, nonlicense_seen)
    nonlicense_seen = nonlicense_seen or not is_license
    in_comment = False
eelif line.strip() !="":
    code_seen = True

ln += 1

for fname in sys.argv[1:]:
    if fname.startswith('./'):
        fname = fname[2:]
    f = open(fname)
    lines = f.readlines()
    f.close()
    check_file(lines, fname)

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var DOCUMENTATION_OPTIONS = {
    URL_ROOT: '../',
    VERSION: '1.13.2',
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    HAS_SOURCE:  true
};
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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in
the following files:

- `lib/gssapi/generic/gssapi_err_generic.c`
- `lib/gssapi/mechglue/g_accept_sec_context.c`
- `lib/gssapi/mechglue/g_acquire_cred.c`
- `lib/gssapi/mechglue/g_canon_name.c`
- `lib/gssapi/mechglue/g_compare_name.c`
- `lib/gssapi/mechglue/g_context_time.c`
- `lib/gssapi/mechglue/g_delete_sec_context.c`
- `lib/gssapi/mechglue/g_dsp_name.c`
- `lib/gssapi/mechglue/g_dsp_status.c`
- `lib/gssapi/mechglue/g_release_cred.c`
- `lib/gssapi/mechglue/g_setrep.c`
- `lib/gssapi/mechglue/g_unbind_cred.c`
- `lib/gssapi/mechglue/g_vacate.c`
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 class="n">g_imp_sec_context</class="o"/>
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 class="n">g_init_sec_context</class="o"/>
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 class="n">g_initialize</class="o"/>
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 class="n">g_inquire_context</class="o"/>
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 class="n">g_inquire_names</class="o"/>
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 class="n">g_process_context</class="o"/>
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 class="n">g_rel_buffer</class="o"/>
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 class="n">g_rel_cred</class="o"/>
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 class="n">g_rel_name</class="o"/>
</span>

 class="n">g_rel_oid_set</class="o"/>
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 class="n">g_gln</class="o"/>
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 class="n">lib</class="o"/>
</span>

 class="n">gssapi</class="o"/>
</span>

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 class="n">g_imp_name</class="o"/>
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 class="n">g_imp_name</class="o"/>
</span>

 class="n">g_imp_sec_context</class="o"/>
</span>
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class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_seal</span><span class="o">.</span><span class="n">c</span>

Class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_sign</span><span class="o">.</span><span class="n">c</span>

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Class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_utils</span><span class="o">.</span><span class="n">c</span>

Class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_verify</span><span class="o">.</span><span class="n">c</span>

Class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">gssd_pname_to_uid</span><span class="o">.</span><span class="n">c</span>

Class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">mglueP.h</span>

Class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">oid_ops</span><span class="o">.</span><span class="n">c</span>

Class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">spnegoP.h</span>

Class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">spnego</span><span class="o">/</span><span class="n">spnego_mech</span><span class="o">.</span><span class="n">c</span>

Class="n">kadmin</span><span class="o">/</span><span class="n">server</span><span class="o">/</span><span class="n">ipropd_svc</span><span class="o">.</span><span class="n">c</span>

Class="n">lib</span><span class="o">/</span><span class="n">kdb</span><span class="o">/</span><span class="n">iprop</span><span class="o">.</span><span class="n">x</span>

Class="n">lib</span><span class="o">/</span><span class="n">kdb</span><span class="o">/</span><span class="n">kdb_convert</span><span class="o">.</span><span class="n">c</span>

and the initial implementation of incremental propagation, including
the following new or changed files:

<p>&lt;div class="highlight-python"&gt;&lt;div class="highlight"&gt;&lt;pre&gt;&lt;span class="n">include</span><span class="o">/</span>&lt;span class="n">iprop_hdr</span><span class="o">/</span>&lt;span class="n">ipropd_svc</span><span class="o">/</span>&lt;span class="n">iprop</span><span class="o">/</span>&lt;span class="n">kdb_convert</span><span class="o">/</span>&lt;span class="n">kdb</span><span class="o">/</span>&lt;span class="n">x</span></p>
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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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* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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1.10 util-linux 2.31.1-0.4ubuntu3.6

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Optimised ANSI C code for the Rijndael cipher (now AES)

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Ackeret, Matt
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Allbery, Russ
Anderson, Jamie
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Andric, Dimitry
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Boyce, Keith Garry
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Braun, Rob
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Bussjaeger, Andreas
Calvin, Gary
Campbell, Aaron
Chazelas, Stephane
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Corzine, Deven T.
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Dai, Wei
Dill, David
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Eckhardt, Drew
Edgington, Ben
Esipovich, Marc
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Faigon, Ariel
Farrell, Brian
Fobes, Steve
Frysiner, Mike
G., Daniel Richard
Gailly, Jean-loup
Gelman, Stephen
Gerraty, Simon J.
Graber, Stephane
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Hayman, Randy M.
Henke, Joachim
Hideaki, YOSHIFUJI
Hieb, Dave
Holloway, Nick
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Hunter, Michael T.
Hutchings, Ben
Irrgang, Eric
Jackson, Brian
Jackson, John R.
Jackson, Richard L., Jr.
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Jepeway, Chris
Jorge, Joel Pele
Pele Jorge, Joel
Juhani, Timo
KIKUCHI, Ayamura
Kadow, Kevin
Kasal, Stepan
Kienenberger, Mike
King, Dale
King, Michael
Klyachkin, Andrey
Knoble, Jim
Knox, Tim
Komarnitsky, Alek O.
Kondrashov, Nikolai
Kopeek, Daniel
Kranenburg, Paul
Krause, David
Lakin, Eric
Larsen, Case
Levin, Dmitry V.
Libby, Kendall
Lobbes, Phillip E.
McIntyre, Jason
MacKenzie, David J.
McLaughlin, Tom
Makey, Jeff
Marchionna, Michael D.
Markham, Paul
Martinian, Emin
Meskes, Michael
Michael, David
Miller, Todd C.
Minier, Loc
Moffat, Darren
Moldung, Jan Thomas
Morris, Charles
Mueller, Andreas
Miller, Dworkin
Nieusma, Jeff
Nikitser, Peter A.
Nussel, Ludwig
Ouellet, Jean-Philippe
Paquet, Eric
Paradis, Chantal
Percival, Ted
Perera, Andres
Peron, Christian S.J.
Peschel, Aaron
Peslyak, Alexander
Peterson, Toby
Petten, Diego Elio
Pickett, Joel
Plotnick, Alex
de Raadt, Theo
Rasch, Gudleik
Reid, Steve
Richards, Matt
Rossum, Guido van
Rouillard, John P.
Rowe, William A., Jr.
Roy, Alain
Ruusame, Elan
Ryabinkin, Eygene
SATO, Yuichi
Sanchez, Wilfredo
Saucier, Jean-Francois
Schoenfeld, Patrick
Schuring, Arno
Schwarze, Ingo
Scott, Dougal
Sieger, Nick
Simon, Thor Lancelot
Slemko, Marc
Smith, Andy
Sobrado, Igor
Soulen, Steven
Spangler, Aaron
Spradling, Cloyce D.
Stier, Matthew
Stoeckmann, Tobias
Street, Russell
Stritzky, Tilo
Stroucken, Michael
Tarrall, Robert
Thomas, Matthew
Todd, Giles
Toft, Martin
Torek, Chris
Tucker, Darren
Uhl, Robert
Uzel, Petr
Valery, Reznic
Van Dinter, Theo
Venckus, Martynas
The following people have worked to translate sudo into other languages:

Blittermann, Mario
Bogusz, Jakub
Casagrande, Milo
Castro, Felipe
Chornoivan, Yuri
Diguez, Francisco
Ferreira, Rafael
Garca-Fontes, Walter
Gezer, Volkan
Hamasaki, Takeshi
Hamming, Peter
Hansen, Joe
Hantrais, Frederic
Hein, Jochen
Jerovek, Damir
Karvonen, Jorma
Kazik, Duan
Kelemen, Gabor
Koir, Klemen
Kozlov, Yuri
Kramer, Jakob
Kriznar, Tomislav
Marchal, Frederic
Margeviuus, Algimantas
Maryanov, Pavel
Nikoli, Miroslav
Nylander, Daniel
Psa, Petr
Qun, Trn Ngc
Regueiro, Leandro
Sarer, zgr
Sendn, Abel
1.24 libunwind 1.2.1-8

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set yrange [0:]
set terminal pngcairo font 'Sans, 8' lw 1 size 1400,1024
set xtics rotate by -45
set style histogram errorbars gap 2 lw 1
set style fill solid border -1

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1.33 e2fsprogs 1.43.4~WIP.2017.01.30 1

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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) $(OBJS))
$(MV) pic/$(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) $(BSD_LIB) \n$(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB) $(BSD_LIB)
@-$(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 translation files of the EXT2 file system utilities. The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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Gadi Oxman, August 1995

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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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Theodore Ts'o
23-June-2007

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THE BASIC LIBRARY FUNCTIONS

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Email domain: cam.ac.uk

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PCRE JUST-IN-TIME COMPILATION SUPPORT

----------------------------------------
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THE C++ WRAPPER FUNCTIONS

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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.

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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.

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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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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.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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
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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.

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.

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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 reproducing the executable from it. However, as a special exception, the materials to be 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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(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.

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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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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.

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*
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*
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Patch for Ubuntu bug #399071

Display the contents of `/etc/legal` as part of the MOTD, the first time the
user logs in, and set a flag in the user's homedir if possible to prevent repeat displays.

Authors: Dustin Kirkland <kirkland@canonical.com>

Upstream status: Ubuntu-specific, maybe submit to Debian

Index: pam.ubuntu/modules/pam_motd/pam_motd.c

--- pam.ubuntu.orig/modules/pam_motd/pam_motd.c
+++ pam.ubuntu/modules/pam_motd/pam_motd.c
@@ -73,6 +73,61 @@
close(fd);
}

+int display_legal(pam_handle_t *pamh)
+{
+    int retval = PAM_IGNORE, rc;
+    char *user = NULL;
+    char *dir = NULL;
+    char *flag = NULL;
+    struct passwd *pwd = NULL;
+    struct stat s;
+    int f;
+    /* Get the user name to determine if we need to print the disclaimer */
+    rc = pam_get_item(pamh, PAM_USER, &user);
+    if (rc == PAM_SUCCESS && user != NULL && *(const char *)user != '\0')
+    {
+        PAM_MODUTIL_DEF_PRIVS(privs);
+        /* Get the password entry */
+        pwd = pam_modutil_getpwnam (pamh, user);
+        if (pwd != NULL)
+        {
+            if (pam_modutil_drop_priv(pamh, &privs, pwd)) {
+                pam_syslog(pamh, LOG_ERR,
+                           "Unable to change UID to %d temporarily\n",
+                           pwd->pw_uid);
+                retval = PAM_SESSION_ERR;
+                goto finished;
+            }
+            if (asprintf(&dir, "%s/.cache", pwd->pw_dir) == -1 || !dir)
+                goto finished;
+            if (asprintf(&flag, "%s/motd.legal-displayed", dir) == -1 || !flag)
+                goto finished;
+        }
+        if (asprintf(&dir, "%s/.cache", pwd->pw_dir) == -1 || !dir)
+            goto finished;
+        if (asprintf(&flag, "%s/motd.legal-displayed", dir) == -1 || !flag)
+            goto finished;
+        if (stat(flag, &s) != 0)
+     { 
+         display_file(pamh, "/etc/legal");
+         mkdir(dir, 0700);
+         f = open(flag, O_WRONLY|O_CREAT|O_EXCL,
+                  S_IRUSR|S_IWUSR|S_IRGRP|S_IROTH);
+         if (f>=0) close(f);
+     }
+     
+     finished:
+     if (pam_modutil_regain_priv(pamh, &privs)) {
+         pam_syslog(pamh, LOG_ERR,
+                    "Unable to change UID back to %d\n", privs.old_uid);
+         retval = PAM_SESSION_ERR;
+     }
+     
+     _pam_drop(flag);
+     _pam_drop(dir);
+ }
+ 
+ return retval;
+
+} 
+
+PAM_EXTERN
int pam_sm_open_session(pam_handle_t *pamh, int flags,
int argc, const char **argv)
{
    @ @ -116,6 +171,9 @@
        /* Display the updated motd */
        display_file(pamh, motd_path);
+
        /* Display the legal disclaimer only if necessary */
        retval = display_legal(pamh);
        +
        return retval;
    }

1.47 cpp 8.3.0-r0
1.47.1 Available under license :

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<td>mach_override</td>
<td>lib/interception/mach_override</td>
</tr>
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Version 3.1, 31 March 2009

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1.50 kbd 2.0.4 2ubuntu1

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1.55 selinux 2.6-3+b3

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1.56 libxdmcp 1.1.2-1.1
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1.57 netbase 5.3

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1.58 shadow 4.5 1ubuntu2

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1.60 libpcap 1.7.4-2

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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
3a0982da308228d796df35f98d787c5cff2bb5b6.

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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* /opt/cola/permits/1103764608_1604346155.42/0/chronicle-threads-2-17-2-sources-jar/net/openhft/chronicle/threads/PauserMonitor.java
* /opt/cola/permits/1103764608_1604346155.42/0/chronicle-threads-2-17-2-sources-jar/net/openhft/chronicle/threads/BlockingEventLoop.java
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* /opt/cola/permits/1103764608_1604346155.42/0/chronicle-threads-2-17-2-sources-jar/net/openhft/chronicle/threads/TimedEventHandler.java

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1.69 geoiop-database 20160408-1

1.70 valgrind 3.15.0-r0

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The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api  
* javax.annotation:javax.annotation-api  
* javax.transaction:javax.transaction-api  
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes.  The modifications are hosted at github and both modified and original are under GPL v2 with
classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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Mortbay

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The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

1.72 sysv-init 2.88dsf 59.3ubuntu2
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Send patches to sysvinit-devel@nongnu.org

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>,
* public domain.
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* /opt/ws_local/PERMITS_SQL/1068497245_1594417766.44/0/netty-codec-socks-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/socksx/v5/Socks5CommandResponseDecoder.java
* /opt/ws_local/PERMITS_SQL/1068497245_1594417766.44/0/netty-codec-socks-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/socksx/AbstractSocksMessage.java
* /opt/ws_local/PERMITS_SQL/1068497245_1594417766.44/0/netty-codec-socks-4-1-49-final-sources-1-
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import: ../../../../fossene/db/schema/thing.yml
fields:
site: string
author: root

1.84 libpeas 1.22.0 1.el7
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1.93 libsemanage 2.3-1build3

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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1.94 musl 1.1.24-r2

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1.95 libwebp 0.6.1-2

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1.96 libtls-standalone 2.9.1-r1

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1.97 base-files 9.4ubuntu4.11

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Version 2, June 1991

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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.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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For example, 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.
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==============

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  * NTLM-authenticated HTTPSConnectionPool
  * Basic-authenticated HTTPSConnectionPool (merged into make_headers)

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  * Client-verified SSL certificates for HTTPSConnectionPool
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  * Better unicode support for filepost using StringIO buffers

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* Thomas Weischuh <thomas@t-8ch.de>
  * Support for TLS SNI
  * API unification of ssl_version/cert_reqs
  * SSL fingerprint and alternative hostname verification
  * Bugfixes in testsuite

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* Marc Schlaich <marc.schlaich@gmail.com>
  * Various bugfixes and test improvements.

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  * Correct six.moves conflict
  * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravellosystems.com>
  * Allowed to skip SSL hostname verification

* Cory Benfield <https://lukasa.co.uk/about/>
  * Stream method for Response objects.
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  * Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
  * Add missing WrappedSocket.fileno method in PyOpenSSL
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  * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
  * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  * Support for separate connect and request timeouts

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* Nipunn Koorapati <nipunn1313@gmail.com>
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  * Disabled TLS compression by default on Python 3.2+
  * Disabled TLS compression in pyopenssl contrib module
  * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  * Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
  * Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
  * HTTPHeaderDict and associated tests and docs
  * Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>    
  * Added Timeout examples in docs

* Arthur Grunseid <https://grunseid.com>
  * source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>
  * PEP8 Compliance and Linting
  * Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
  * Support for standard library io module.
* Krishna Prasad <kprasad.iitd@gmail.com>  
  * Google App Engine documentation

* Aaron Meurer <asmeurer@gmail.com>  
  * Added Url.url, which unparses a Url

* Evgeny Kapun <abacabadabacaba@gmail.com>  
  * Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>  
  * Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>  
  * Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>  
  * Updates to the default SSL configuration

* Tomas Tomecek <tomecek@redhat.com>  
  * Implemented generator for getting chunks from chunked responses.

* tlynn <https://github.com/tlynn>  
  * Respect the warning preferences at import.

* David D. Riddle <ddriddle@illinois.edu>  
  * IPv6 bugfixes in testsuite

* Thea Flowers <magicalgirl@google.com>  
  * App Engine environment tests.  
  * Documentation re-write.

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  * Clues to debugging problems with `cryptography` dependency in docs

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  * Fix pool-default headers not applying for url-encoded requests like GET.

* James Atherfold <jlatherfold@hotmail.com>  
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  * IPv6 HTTPS proxy bugfix

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  * Made cert digest comparison use a constant-time algorithm.

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  * Bugfix to ca_cert file paths.

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  * Bugfix related to ‘memoryview’ usage in PyOpenSSL adapter

* John Vandenberg <jayvdb@gmail.com>
  * Python 2.6 fixes; pyflakes and pep8 compliance

* Andy Caldwell <andy.m.caldwell@googlemail.com>
  * Bugfix related to reusing connections in indeterminate states.

* Ville Skytt <ville.skytta@iki.fi>
  * Logging efficiency improvements, spelling fixes, Travis config.

* Shige Takeda <smtakeda@gmail.com>
  * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

* Jess Shapiro <jesse@jesseshapiro.net>
  * Various character-encoding fixes/tweaks
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* David Foster <http://dafoster.net/>
  * Ensure order of request and response headers are preserved.

* Jeremy Cline <jeremy@jcline.org>
  * Added connection pool keys by scheme

* Aviv Palivoda <palaviv@gmail.com>
  * History list to Retry object.
  * HTTPResponse contains the last Retry object.

* Nate Prewitt <nate.prewitt@gmail.com>
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  * Created selectors backport that supports PEP 475.

* Alexandre Dias <alex.dias@smarkets.com>
  * Don't retry on timeout if method not in whitelist
* Moinuddin Quadri <moin18@gmail.com>
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* Tom White <s6yg1ez3@mail2tor.com>
  * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

* Tim Burke <tim.burke@gmail.com>
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* Tuukka Mustonen <tuukka.mustonen@gmail.com>
  * Add counter for status_forcelist retries.

* Erik Rose <erik@mozilla.com>
  * Bugfix to pyopenssl vendoring

* Wolfgang Richter <wolfgang.richter@gmail.com>
  * Bugfix related to loading full certificate chains with PyOpenSSL backend.

* Mike Miller <github@mikeage.net>
  * Logging improvements to include the HTTP(S) port when opening a new connection

* Ioannis Tziakos <mail@itziakos.gr>
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  * Update appveyor tox setup to use the 64bit python.

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  * Ongoing maintenance; 2017-2018

* Dominique Leuenberger <dimstar@opensuse.org>
  * Minor fixes in the test suite

* Will Bond <will@wbond.net>
  * Add Python 2.6 support to `contrib.securetransport`

* Aleksei Alekseev <alekseev.yeskela@gmail.com>
  * using auth info for socks proxy

* Chris Wilcox <git@crwilcox.com>
  * Improve contribution guide
  * Add `HTTPResponse.geturl` method to provide `urllib2.urlopen().geturl()` behavior

* Bruce Merry <https://www.brucemerry.org.za>
  * Fix leaking exceptions when system calls are interrupted with zero timeout

* Hugo van Kemenade <https://github.com/hugovk>
  * Drop support for EOL Python 2.6

* Tim Bell <https://github.com/timb07>
* Bugfix for responses with Content-Type: message/* logging warnings

* Justin Bramley <https://github.com/jbramleycl>
* Add ability to handle multiple Content-Encodings

* Katsuhiko YOSHIDA <https://github.com/kyoshidajp>
* Remove Authorization header regardless of case when redirecting to cross-site

* [Your name or handle] <[email or website]>
* [Brief summary of your changes]

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This package was put together by Yann Dirson <dirson@debian.org>,
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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 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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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.

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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
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work. (Executables containing this object code plus portions of the
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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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# 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) $(OBJS))
$(MV) pic/$(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>.

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

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1.109 iputils 20161105 1ubuntu3
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It has been maintained for Debian by Noah Meyerhans <noahm@debian.org> since 6 Feb 2001.

It was downloaded from https://github.com/iputils/iputils

Upstream Author: Alexey Kuznetsov <kuznet@ms2.inr.ac.ru>

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1.116 jackson 2.10.0.pr3
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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 commercially by FasterXML.com.

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1.117 curl 7.47.0-1ubuntu2.2

1.117.1 Available under license:

License Mixing

===============================================

ncurl can be built to use a fair amount of various third party libraries, libraries that are written and provided by other parties that are distributed using their own licenses. Even libcurl itself contains code that may cause problems to some. This document attempts to describe what licenses libcurl and the other libraries use and what possible dilemmas linking and mixing them all can lead to for end users.

I am not a lawyer and this is not legal advice!

One common dilemma is that [GPL](https://www.gnu.org/licenses/gpl.html) licensed code is not allowed to be linked with code licensed under the
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(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

## zlib

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

## MIT Kerberos

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## OpenLDAP

(Used for LDAP support) Uses a Modified BSD-style license. Since libcurl uses OpenLDAP as a shared library only, I have not heard of anyone that ships OpenLDAP linked with libcurl in an app.

## libssh2

(Used for scp and sftp support) libssh2 uses a Modified BSD-style license.

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1.118 junixsocket-common 2.0.4

1.119 libtasn 4.13-2

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## 1.122 cpio 2.12+dfsg 6ubuntu0.18.04.1

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl
These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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MortBay

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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Mortbay
The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM.

Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood. Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.
Alistair G. Crooks (agc@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task). Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn’t made it into the released version of the collector, yet.)

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<td>lib/interception/mach_override</td>
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1.128 purell 1.1.1

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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@end enumerate

@end enumerate

@end enumerate

@end enumerate

@end enumerate

@end enumerate

@end enumerate

@end enumerate

@end enumerate

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Version 3.1, 31 March 2009

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For more information see the README file in the examples directory.

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HISTORY -

Early versions of this collector were developed as a part of research
projects supported in part by the National Science Foundation
and the Defense Advance Research Projects Agency.
The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM.

Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood. Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dossier@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauachmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D. Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports. Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks(agg@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) supplied the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task). Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn’t made it into the released version of the collector, yet.)
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    # Contributions to the urllib3 project

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    * erikcederstrand <http://code.google.com/u/erikcederstrand/>
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    * Basic-authenticated HTTPSConnectionPool (merged into make_headers)
* niphlod <niphlod@gmail.com>
  * Client-verified SSL certificates for HTTPSConnectionPool
  * Response gzip and deflate encoding support
  * Better unicode support for filepost using StringIO buffers

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  * API unification of ssl_version/cert_reqs
  * SSL fingerprint and alternative hostname verification
  * Bugfixes in testsuite

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  * Optional SNI-support for Python 2 via PyOpenSSL.

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  * Correct six.moves conflict
  * Fixed pickle support of some exceptions
* Boris Figovsky <boris.figovsky@ravellosystems.com>
  * Allowed to skip SSL hostname verification

* Cory Benfield <http://lukasa.co.uk/about/>
  * Stream method for Response objects.
  * Return native strings in header values.
  * Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
  * Add missing WrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  * Fixed a race condition

* Stanislaw Vitkovskiy <stas.vitkovsky@gmail.com>
  * Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
  * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
  * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  * Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
  * HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
  * Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <http://dbrgn.ch/>
  * Disabled TLS compression by default on Python 3.2+
  * Disabled TLS compression in pyopenssl contrib module
  * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  * Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
  * Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
  * HTTPHeaderDict and associated tests and docs
  * Bugfixes, docs, test coverage
* Tahia Khan <http://tahia.tk/>
  * Added Timeout examples in docs

* Arthur Grunseid <http://grunseid.com>
  * source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>
  * PEP8 Compliance and Linting
  * Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
  * Support for standard library io module.

* Krishna Prasad <kprasad.iitd@gmail.com>
  * Google App Engine documentation

* Aaron Meurer <asmeurer@gmail.com>
  * Added Url.url, which unparses a Url

* Evgeny Kapun <abacabadabacaba@gmail.com>
  * Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
  * Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
  * Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>
  * Updates to the default SSL configuration

* Tomas Tomecek <ttomecek@redhat.com>
  * Implemented generator for getting chunks from chunked responses.

* tlynn <https://github.com/tlynn>
  * Respect the warning preferences at import.

* David D. Riddle <ddriddle@illinois.edu>
  * IPv6 bugfixes in testsuite

* Jon Wayne Parrott <jonwayne@google.com>
  * App Engine environment tests.

* John Krauss <https://github.com/talos>
  * Clues to debugging problems with `cryptography` dependency in docs

* Disassem <https://github.com/Disassem>
  * Fix pool-default headers not applying for url-encoded requests like GET.
* James Atherfold <jlatherfold@hotmail.com>
  * Bugfixes relating to cleanup of connections during errors.

* Christian Pedersen <https://github.com/chripede>
  * IPv6 HTTPS proxy bugfix

* Jordan Moldow <https://github.com/jmoldow>
  * Fix low-level exceptions leaking from `HTTPResponse.stream()`.
  * Bugfix for `ConnectionPool.urlopen(release_conn=False)`.
  * Creation of `HTTPConnectionPool.ResponseCls`.

* Predrag Gruevski <https://github.com/obi1kenobi>
  * Made cert digest comparison use a constant-time algorithm.

* Adam Talsma <https://github.com/a-tal>
  * Bugfix to ca_cert file paths.

* Evan Meagher <https://evanmeagher.net>
  * Bugfix related to `memoryview` usage in PyOpenSSL adapter

* John Vandenberg <jayvdb@gmail.com>
  * Python 2.6 fixes; pyflakes and pep8 compliance

* Andy Caldwell <andy.m.caldwell@googlemail.com>
  * Bugfix related to reusing connections in indeterminate states.

* Ville Skytt <ville.skytta@iki.fi>
  * Logging efficiency improvements, spelling fixes, Travis config.

* Shige Takeda <smtakeda@gmail.com>
  * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

* Jesse Shapiro <jesse@jesseshapiro.net>
  * Various character-encoding fixes/tweaks
  * Disabling IPv6 DNS when IPv6 connections not supported

* David Foster <http://dafoster.net/>
  * Ensure order of request and response headers are preserved.

* Jeremy Cline <jeremy@jcline.org>
  * Added connection pool keys by scheme

* Aviv Palivoda <palaviv@gmail.com>
  * History list to Retry object.
  * HTTPResponse contains the last Retry object.

* Nate Prewitt <nate.prewitt@gmail.com>
* Ensure timeouts are not booleans and greater than zero.
* Fixed infinite loop in ```stream``` when amt=None.
* Added length_remaining to determine remaining data to be read.
* Added enforce_content_length to raise exception when incorrect content-length received.

* Seth Michael Larson <sethmichaellarson@protonmail.com>
  * Created selectors backport that supports PEP 475.

* Alexandre Dias <alex.dias@smarkets.com>
  * Don't retry on timeout if method not in whitelist

* Moinuddin Quadri <moin18@gmail.com>
  * Lazily load idna package

* Tom White <s6yg1ez3@mail2tor.com>
  * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

* Tim Burke <tim.burke@gmail.com>
  * Stop buffering entire deflate-encoded responses.

* Tuukka Mustonen <tuukka.mustonen@gmail.com>
  * Add counter for status_forcelist retries.

* Erik Rose <erik@mozilla.com>
  * Bugfix to pyopenssl vending

* [Your name or handle] <[email or website]>

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#
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#
src/base/fthash.c
tsrc/base/md5.c
tsrc/base/md5.h
#
src/bdf/bdf.c
tsrbf/bdf.h
tsrbf/bdfdrivr.c
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d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain
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e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

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Version 2, June 1991

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1.176 busybox 1.28.4-r3

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jseward@bzip.org
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jseward@bzip.org
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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, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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1.186 zlib 1.2.8.dfsg-2ubuntu4.3
1.186.1 Available under license:

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

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jloup@gzip.org          madler@alumni.caltech.edu

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1.187 attr 2.4.47 2+b2

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1.191 mime-support 3.60ubuntu1

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Source: git://anonscm.debian.org/collab-maint/mime-support.git

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

------

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
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org.apache.tomcat:tomcat-util-scan
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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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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. The drop of the reduce method should only affect some test archives, reducing was never used in any publically distributed Zip program. For pathologic cases where support for reduced archive entries is needed, the unreduce code copyrighted by Samuel H. Smith is available as a separate distribution (the restricted copyright of this code is cited below in the "historical" section).

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* MoreFiles
*
* A collection of File Manager and related routines
*
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* with significant code contributions by Nitin Ganatra
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* 
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* 
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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."

Despite the fact that our "normal" code has been entirely rewritten and by default no longer contains any of Mr. Smith's code, Info-ZIP remains indebted and grateful to him. We hope he finds our contribu-
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-----

The remaining code was written by many people associated with the
Info-ZIP group, with large contributions from (but not limited to):
Greg Roelofs (overall program logic, ZipInfo, unshrink, filename
mapping/portability, etc.), Mark Adler (inflate, explode, funzip),
Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine
Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows
DLLs), Christian Spieler (overall logic, optimization, VMS, etc.) and
others. See the file CONTRIBS in the source distribution for a much
more complete list of contributors.
The decompression core code for the deflate method (inflate.[ch],
explode.c) was originally written by Mark Adler who submitted it
as public domain code.

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

1.194 zlib 1.2.8

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

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1.195 python-chardet 3.0.4-r1

1.195.1 Available under license :

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1.196 gdbm 1.14.1 6

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### 1.198 xorg 7.7+13ubuntu3.1

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Source Package: xorg

Debian/Ubuntu package authors: Branden Robinson, Fabio M. Di Nitto, Daniel Stone and others
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##
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That's all there is to it!

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Version 3, 29 June 2007

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1.201 coreutils 8.22-24.el7_9.2

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1.213 woodstox-core-asl 4.4.1
1.214 bind 9.10.3.dsfsg.P4 8ubuntu1.15

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<!-- $Id$ -->

<!-- Generate ISC copyright comments from Docbook copyright metadata. -->

<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">
  <xsl:text>This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at http://mozilla.org/MPL/2.0/.
</xsl:text>
</xsl:variable>

<xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
    <xsl:with-param name="text" select="$isc.copyright.text"/>
    <xsl:for-each select="book/info/copyright | refentry/docinfo/copyright">
      <xsl:call-template name="copyright.years">
        <xsl:with-param name="years" select="."/>
      </xsl:call-template>
    </xsl:for-each>
  </xsl:call-template>
</xsl:variable>
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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/cui.c: The format_paragraph and format_text functions were derived form the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5c6f2bb5b6.

  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 piostream 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

1.215 aptitude 0.8.10 6ubuntu1

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1.216 tre 0.8.0

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1.217 go-memdb 1.2.0

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1.218 jetty-http 9.4.18.v20190429

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util
org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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#pragma interface

#include <java/lang/Object.h>
extern "Java"
{
namespace java
{
namespace security
{
namespace acl
{
    class Permission;
}
}
}

class java::security::acl::Permission : public ::java::lang::Object
{

public:

virtual jboolean equals(::java::lang::Object *) = 0;
virtual ::java::lang::String * toString() = 0;
static ::java::lang::Class class$;
} __attribute__ ((java_interface));

#endif // __java_security_acl_Permission__

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Also add information on how to contact you by electronic and paper mail.

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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0. Definitions.

A file is an "Independent Module" if it either requires the Runtime Library for execution after a Compilation Process, or makes use of an interface provided by the Runtime Library, but is not otherwise based on the Runtime Library.

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"Target Code" refers to output from any compiler for a real or virtual
target processor architecture, in executable form or suitable for
input to an assembler, loader, linker and/or execution
phase. Notwithstanding that, Target Code does not include data in any
format that is used as a compiler intermediate representation, or used
for producing a compiler intermediate representation.

The "Compilation Process" transforms code entirely represented in
non-intermediate languages designed for human-written code, and/or in
Java Virtual Machine byte code, into Target Code. Thus, for example,
use of source code generators and preprocessors need not be considered
part of the Compilation Process, since the Compilation Process can be
understood as starting with the output of the generators or
preprocessors.

A Compilation Process is "Eligible" if it is done using GCC, alone or
with other GPL-compatible software, or if it is done without using any
work based on GCC. For example, using non-GPL-compatible Software to
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1. Grant of Additional Permission.

You have permission to propagate a work of Target Code formed by
combining the Runtime Library with Independent Modules, even if such
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consistent with the licensing of the Independent Modules.

2. No Weakening of GCC Copyleft.

The availability of this Exception does not imply any general
presumption that third-party software is unaffected by the copyleft
requirements of the license of GCC.
class java::security::Permission : public ::java::lang::Object
{

public:

Permission(::java::lang::String *);
virtual void checkGuard(::java::lang::Object *);
virtual jboolean implies(::java::security::Permission *) = 0;
virtual jboolean equals(::java::lang::Object *) = 0;
virtual jint hashCode() = 0;
virtual ::java::lang::String * getName();
virtual ::java::lang::String * getActions() = 0;
virtual ::java::security::PermissionCollection * newPermissionCollection();
virtual ::java::lang::String * toString();
private:
static const jlong serialVersionUID = -563657022223159674LL;
::java::lang::String * __attribute__((aligned(__alignof__( ::java::lang::Object)))) name;
public:
static ::java::lang::Class class$;
};

#ifdef // __java_security_Permission__
#endif // __java_security_Permission__

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@appendixsec GNU LESSER GENERAL PUBLIC LICENSE

@cindex LGPL, Lesser General Public License
@center Version 2.1, February 1999

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[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.]
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@appendixsubsec Preamble

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it too, but we suggest you first think carefully about whether this
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use in any particular case, based on the explanations below.

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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.

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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.

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@end enumerate

@ifex
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@ifinfo
@end ifinfo

@page

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ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the `copyright' line and a pointer to where the full notice is found.

@example
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Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a `copyright disclaimer' for the library, if necessary. Here is a sample; alter the names:

@example
Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
@end smallexample

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Version 3, 29 June 2007

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exception statement from your version. */

package java.security.acl;

/**
 * This interface provides information about a permission that can be
 * granted. Note that this is <em>not</em> the same as the class
 * <code>java.security.Permission</code>.
 * *
 * @version 0.0
 *
 * @author Aaron M. Renn (arenn@urbanophile.com)
 */

public interface Permission
{

/**
 * This method tests whether or not a specified <code>Permission</code>
 * (passed as an <code>Object</code>) is the same as this permission.
 * *
 * @param perm The permission to check for equality
 * *
 * @return <code>true</code> if the specified permission is the same as this one, <code>false</code> otherwise
 */

boolean equals (Object perm);

/**
 * This method returns this <code>Permission</code> as a <code>String</code>.
 * *
 * @return A <code>String</code> representing this permission.
 */

String toString();
}

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*m4/ax_func_which_gethostbyname_r.m4

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Version 3.1, 31 March 2009

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package gnu.classpath.tools.taglets;

import java.util.Map;

import com.sun.tools.doclets.Taglet;

import com.sun.javadoc.Tag;

/**
 * A simple Taglet which handles Copyright information.
 */
public class CopyrightTaglet implements Taglet {

private static final String NAME = "copyright";
private static final String HEADER = "Copyright:"
;

public String getName() {
    return NAME;
}

public boolean inField() {
    return true;
}

public boolean inConstructor() {
    return true;
}

public boolean inMethod() {
    return true;
}

public boolean inOverview() {
    return true;
}

public boolean inPackage() {
    return true;
}

public boolean inType() {
    return true;
}
public boolean isInlineTag() {
    return false;
}

public static void register(Map<
    Map tagletMap) {
    CopyrightTaglet copyrightTaglet = new CopyrightTaglet();
    tagletMap.put(copyrightTaglet.getName(), copyrightTaglet);
}

public String toString(Tag tag) {
    return toString(new Tag[] { tag });
}

public String toString(Tag[] tags) {
    if (tags.length == 0) {
        return null;
    } else {
        boolean haveValidTag = false;
        for (int i = 0; i < tags.length && !haveValidTag; ++i) {
            if (tags[i].text().length() > 0) {
                haveValidTag = true;
            }
        }
        if (haveValidTag) {
            StringBuffer result = new StringBuffer();
            result.append("<dl>");
            for (int i = 0; i < tags.length; i++) {
                if (tags[i].text().length() > 0) {
                    result.append("<dt><i>Copyright \&#169; + tags[i].text() + "</i></dt>\");
                }
            result.append("</dl>"));
            return result.toString();
        } else {
            return null;
        }
    }

    }

    // DO NOT EDIT THIS FILE - it is machine generated -*- c++ -*-

#ifndef __gnu_javax_sound_AudioSecurityManager$Permission__
#define __gnu_javax_sound_AudioSecurityManager$Permission__
#define __gnu_javax_sound_AudioSecurityManager$Permission__
#pragma interface

#include <java/lang/Enum.h>
#include <gcj/array.h>

extern "Java"
{
    namespace gnu
    {
        namespace java
        {
            namespace sound
            {
                class AudioSecurityManager$Permission;
            }
        }
    }
}

class gnu::java::sound::AudioSecurityManager$Permission : public ::java::lang::Enum
{
    AudioSecurityManager$Permission(::java::lang::String *, jint);
    public:
    static JArray< ::gnu::java::sound::AudioSecurityManager$Permission * > * values();
    static ::gnu::java::sound::AudioSecurityManager$Permission * valueOf(::java::lang::String *);
    static ::gnu::java::sound::AudioSecurityManager$Permission * PLAY;
    static ::gnu::java::sound::AudioSecurityManager$Permission * RECORD;
    static ::gnu::java::sound::AudioSecurityManager$Permission * ALL;
    private:
    static JArray< ::gnu::java::sound::AudioSecurityManager$Permission * > * ENUM$VALUES;
    public:
    static ::java::lang::Class class$;
};

#endif // __gnu_javax_sound_AudioSecurityManager$Permission__

#!/usr/bin/python
#
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#
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# the Free Software Foundation; either version 3, or (at your option)
# any later version.
#
# This script adjusts the copyright notices at the top of source files
# so that they have the form:
# Copyright XXXX-YYYY Free Software Foundation, Inc.
#
# It doesn't change code that is known to be maintained elsewhere or
# that carries a non-FSF copyright.
#
# The script also doesn't change testsuite files, except those in
# libstdc++-v3. This is because libstdc++-v3 has a conformance testsuite,
# while most tests in other directories are just things that failed at some
# point in the past.
#
# Pass --this-year to the script if you want it to add the current year
# to all applicable notices. Pass --quilt if you are using quilt and
# want files to be added to the quilt before being changed.
#
# By default the script will update all directories for which the
# output has been vetted. You can instead pass the names of individual
# directories, including those that haven't been approved. So:
#
# update-copyright.pl --this-year
#
# is the command that would be used at the beginning of a year to update
# all copyright notices (and possibly at other times to check whether
# new files have been added with old years). On the other hand:
#
# update-copyright.pl --this-year libjava
#
# would run the script on just libjava/.
#
# Note that things like --version output strings must be updated before
# this script is run. There's already a separate procedure for that.

import os
import re
import sys
import time
import subprocess

class Errors:
    def __init__(self):
        self.num_errors = 0

    def report(self, filename, string):
        if filename:
            string = filename + ': ' + string
            sys.stderr.write(string + '
')
        self.num_errors += 1
def ok(self):
    return self.num_errors == 0

class GenericFilter:
    def __init__(self):
        self.skip_files = set()
        self.skip_dirs = set()
        self.skip_extensions = set()
        self.fossilised_files = set()
        self.own_files = set()

        self.skip_files |= set (
            # Skip licence files.
            'COPYING',
            'COPYING.LIB',
            'COPYING3',
            'COPYING3.LIB',
            'LICENSE',
            'fdl.texi',
            'gpl_v3.texi',
            'fdl-1.3.xml',
            'gpl-3.0.xml',

            # Skip auto- and libtool-related files
            'aclocal.m4',
            'compile',
            'config.guess',
            'config.sub',
            'depcomp',
            'install-sh',
            'libtool.m4',
            'ltmain.sh',
            'ltoptions.m4',
            'ltsubdir.m4',
            'ltversion.m4',
            'lt~obsolete.m4',
            'missing',
            'mkdep',
            'mklstalldirs',
            'move-if-change',
            'shlibpath.m4',
            'symlink-tree',
            'ylwrap',

            # Skip FSF mission statement, etc.
            'gnu.texi',
            'funding.texi',
            'appendix_free.xml',
            )
# Skip imported texinfo files.
'texinfo.tex',
)

def get_line_filter (self, dir, filename):
    if filename.startswith ('ChangeLog'):
        # Ignore references to copyright in changelog entries.
        return re.compile ('	')
    return None

def skip_file (self, dir, filename):
    if filename in self.skip_files:
        return True
    (base, extension) = os.path.splitext (os.path.join (dir, filename))
    if extension in self.skip_extensions:
        return True
    if extension == '.in':
        # Skip .in files produced by automake.
        if os.path.exists (base + '.am'):
            return True
    # Skip files produced by autogen
    if (os.path.exists (base + '.def')
        and os.path.exists (base + '.tpl')):
        return True
    # Skip configure files produced by autoconf
    if filename == 'configure':
        if os.path.exists (base + '.ac'):
            return True
        if os.path.exists (base + '.in'):
            return True
    return False

def skip_dir (self, dir, subdir):
    return subdir in self.skip_dirs

def is_fossilised_file (self, dir, filename):
    if filename in self.fossilised_files:
        return True
    # Only touch current ChangeLogs.
    if (filename != 'ChangeLog' and filename.find ('ChangeLog') >= 0):
        ...
return True
return False

def by_package_author(self, dir, filename):
    return filename in self.own_files

class Copyright:
def __init__(self, errors):
    self.errors = errors

    # Characters in a range of years. Include '.' for typos.
    ranges = '[0-9](?:[-0-9,.\s]\s+and\s+)*[0-9]'

    # Non-whitespace characters in a copyright holder's name.
    name = '\w,.-'

    # Matches one year.
    self.year_re = re.compile('[0-9]+')

    # Matches part of a year or copyright holder.
    self.continuation_re = re.compile(ranges + '|' + name)

    # Matches a full copyright notice:
    self.copyright_re = re.compile()
        # 1: 'Copyright (C)', etc.
        '([Cc]opyright'|'
            ([Cc]opyright\s+\([Cc]\)|'
            ([Cc]opyright\s+%s'
            '([Cc]opyright\s+&copy;|'
            '([Cc]opyright\s+@copyright{}|'
            'copyright = u"|
            '@set\s+copyright[\w-.]+)'
            # 2: the years. Include the whitespace in the year, so that
            # we can remove any excess.
            '\s*\(?\:+ \+ ranges + \,\?'
            '[@value\{[^{]*\}]\s*}'
            # 3: 'by ', if used
            '(by\s+)\?'
            # 4: the copyright holder. Don't allow multiple consecutive
            # spaces, so that right-margin gloss doesn't get caught
            # (e.g. gnat_ugn.texi).
            '\(' + name + '\(?\s? + name + \)+\)\?'

            # A regexp for notices that might have slipped by. Just matching
            # 'copyright' is too noisy, and 'copyright.*[0-9]' falls foul of
# HTML header markers, so check for 'copyright' and two digits.
self.other_copyright_re = re.compile('copyright.*[0-9][0-9]\]',
    re.IGNORECASE)
self.comment_re = re.compile('#+|[*]+;+|%=|//=|@c |dnl ')
self.holders = { '@copying': '@copying' }
self.holder_prefixes = set()

# True to 'quilt add' files before changing them.
self.use_quilt = False

# If set, force all notices to include this year.
self.max_year = None

# Goes after the year(s). Could be ', '.
self.separator = '

def add_package_author (self, holder, canon_form = None):
    if not canon_form:
        canon_form = holder
    self.holders[holder] = canon_form
    index = holder.find (' ')
    while index >= 0:
        self.holder_prefixes.add (holder[:index])
        index = holder.find (' ', index + 1)

def add_external_author (self, holder):
    self.holders[holder] = None

class BadYear():
    def __init__ (self, year):
        self.year = year

    def __str__ (self):
        return 'unrecognised year: ' + self.year

def parse_year (self, string):
    year = int (string)
    if len (string) == 2:
        if year > 70:
            return year + 1900
        elif len (string) == 4:
            return year
        else:
            raise self.BadYear (string)
    else:
        return self.year_range (year)

def year_range (self, years):
    year_list = [self.parse_year (year)
        for year in self.year_re.findall (years)]
    assert len (year_list) > 0
return (min (year_list), max (year_list))

def set_use_quilt (self, use_quilt):
    self.use_quilt = use_quilt

def include_year (self, year):
    assert not self.max_year
    self.max_year = year

def canonicalise_years (self, dir, filename, filter, years):
    # Leave texinfo variables alone.
    if years.startswith('@value'):
        return years
    (min_year, max_year) = self.year_range (years)
    # Update the upper bound, if enabled.
    if self.max_year and not filter.is_fossilised_file (dir, filename):
        max_year = max (max_year, self.max_year)
    # Use a range.
    if min_year == max_year:
        return '%d' % min_year
    else:
        return '%d-%d' % (min_year, max_year)

def strip_continuation (self, line):
    line = line.lstrip()
    match = self.comment_re.match (line)
    if match:
        line = line[match.end():].lstrip()
    return line

def is_complete (self, match):
    holder = match.group (4)
    return (holder
            and (holder not in self.holder_prefixes
            or holder in self.holders))

def update_copyright (self, dir, filename, filter, file, line, match):
    orig_line = line
    next_line = None
    pathname = os.path.join (dir, filename)

    intro = match.group (1)
    if intro.startswith('@set'):
        # Texinfo year variables should always be on one line
        after_years = line[match.end (2):].strip()
if after_years != ":
    self.errors.report (pathname,
        'trailing characters in @set: ' + after_years)
    return (False, orig_line, next_line)
else:
    # If it looks like the copyright is incomplete, add the next line.
    while not self.is_complete (match):
        try:
            next_line = file.next()
        except StopIteration:
            break
    # If the next line doesn't look like a proper continuation,
    # assume that what we've got is complete.
    continuation = self.strip_continuation (next_line)
    if not self.continuation_re.match (continuation):
        break
    # Merge the lines for matching purposes.
    orig_line += next_line
    line = line.rstrip() + ' ' + continuation
    next_line = None
    # Rematch with the longer line, at the original position.
    match = self.copyright_re.match (line, match.start())
    assert match
    holder = match.group (4)

    # Use the filter to test cases where markup is getting in the way.
    if filter.by_package_author (dir, filename):
        assert holder not in self.holders

    elif not holder:
        self.errors.report (pathname, 'missing copyright holder')
        return (False, orig_line, next_line)

    elif holder not in self.holders:
        self.errors.report (pathname, 'unrecognised copyright holder: ' + holder)
        return (False, orig_line, next_line)

    else:
        # See whether the copyright is associated with the package
        # author.
        canon_form = self.holders[holder]
        if not canon_form:
return (False, orig_line, next_line)

# Make sure the author is given in a consistent way.
line = (line[:match.start(4)]
 + canon_form
 + line[match.end(4):])

# Remove any 'by'
line = line[:match.start(3)] + line[match.end(3):]

# Update the copyright years.
years = match.group(2).strip()
try:
canon_form = self.canonicalise_years(dir, filename, filter, years)
except self.BadYear as e:
    self.errors.report(pathname, str(e))
return (False, orig_line, next_line)

line = (line[:match.start(2)]
 + ('' if intro.startswith('copyright = ') else ' ')
 + canon_form + self.separator
 + line[match.end(2):])

# Use the standard (C) form.
if intro.endswith('right'):
    intro += ' (C)'
elif intro.endswith('(c)'):
    intro = intro[:-3] + '(C)'
line = line[:match.start(1)] + intro + line[match.end(1):]

# Strip trailing whitespace
line = line.rstrip() + '
'
return (line != orig_line, line, next_line)

def process_file(self, dir, filename, filter):
    pathname = os.path.join(dir, filename)
    if filename.endswith('.tmp'):
        # Looks like something we tried to create before.
        try:
            os.remove(pathname)
        except OSError:
            pass
        return
    lines = []
    changed = False
    line_filter = filter.get_line_filter(dir, filename)

    return
with open (pathname, 'r') as file:
    prev = None
    for line in file:
        while line:
            next_line = None
            # Leave filtered-out lines alone.
            if not (line_filter and line_filter.match (line)):
                match = self.copyright_re.search (line)
                if match:
                    res = self.update_copyright (dir, filename, filter, file, line, match)
                    (this_changed, line, next_line) = res
                    changed = changed or this_changed
            # Check for copyright lines that might have slipped by.
            elif self.other_copyright_re.search (line):
                self.errors.report (pathname,
                    'unrecognised copyright: %s' % line.strip())
                lines.append (line)
            line = next_line

    # If something changed, write the new file out.
    if changed and self.errors.ok():
        tmp_pathname = pathname + '.tmp'
        with open (tmp_pathname, 'w') as file:
            for line in lines:
                file.write (line)
            if self.use_quilt:
                subprocess.call (['quilt', 'add', pathname])
                os.rename (tmp_pathname, pathname)

def process_tree (self, tree, filter):
    for (dir, subdirs, filenames) in os.walk (tree):
        # Don't recurse through directories that should be skipped.
        for i in xrange (len (subdirs) - 1, -1, -1):
            if filter.skip_dir (dir, subdirs[i]):
                del subdirs[i]

        # Handle the files in this directory.
        for filename in filenames:
            if filter.skip_file (dir, filename):
                sys.stdout.write ('Skipping %s
' % os.path.join (dir, filename))
            else:
                self.process_file (dir, filename, filter)

class CmdLine:
def __init__(self, copyright = Copyright):
    self.errors = Errors()
    self.copyright = copyright (self.errors)
    self.dirs = []
    self.default_dirs = []
    self.chosen_dirs = []
    self.option_handlers = dict()
    self.option_help = []

    self.add_option ('--help', 'Print this help', self.o_help)
    self.add_option ('--quilt', '"quilt add" files before changing them',
        self.o_quilt)
    self.add_option ('--this-year', 'Add the current year to every notice',
        self.o_this_year)

def add_option (self, name, help, handler):
    self.option_help.append ((name, help))
    self.option_handlers[name] = handler

def add_dir (self, dir, filter = GenericFilter()):
    self.dirs.append ((dir, filter))

def o_help (self, option = None):
    sys.stdout.write ('Usage: %s [options] dir1 dir2...\n\n' % sys.argv[0])
    'Options:\n' % sys.argv[0])
    format = '%-15s %s
'
    for (what, help) in self.option_help:
        sys.stdout.write (format % (what, help))
    sys.stdout.write ('
Directories:
')
    format = '%-25s'
    i = 0
    for (dir, filter) in self.dirs:
        i += 1
        if i % 3 == 0 or i == len (self.dirs):
            sys.stdout.write (dir + '\n')
        else:
            sys.stdout.write (format % dir)
    sys.exit (0)

def o_quilt (self, option):
    self.copyright.set_use_quilt (True)

def o_this_year (self, option):
    self.copyright.include_year (time.localtime().tm_year)

def main (self):
    for arg in sys.argv[1:]:
if arg[1] != '-':
    self.chosen_dirs.append (arg)
elif arg in self.option_handlers:
    self.option_handlers[arg] (arg)
else:
    self.errors.report (None, 'unrecognised option: ' + arg)
if self.errors.ok():
    if len (self.chosen_dirs) == 0:
        self.chosen_dirs = self.default_dirs
    if len (self.chosen_dirs) == 0:
        self.o_help()
else:
    for chosen_dir in self.chosen_dirs:
        canon_dir = os.path.join (chosen_dir, '')
        count = 0
        for (dir, filter) in self.dirs:
            if (dir + os.sep).startswith (canon_dir):
                count += 1
                self.copyright.process_tree (dir, filter)
        if count == 0:
            self.errors.report (None, 'unrecognised directory: ' + chosen_dir)
        sys.exit (0 if self.errors.ok() else 1)

#-------------------------------------------------------------------------------------
class TopLevelFilter (GenericFilter):
    def skip_dir (self, dir, subdir):
        return True

class ConfigFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)
    def skip_file (self, dir, filename):
        if filename.endswith ('.m4'):
            pathname = os.path.join (dir, filename)
            with open (pathname) as file:
                # Skip files imported from gettext.
                if file.readline().find ('gettext-') >= 0:
                    return True
        return GenericFilter.skip_file (self, dir, filename)

class GCCFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

    self.skip_files |= set ([])
# Not part of GCC
'math-68881.h',
])

self.skip_dirs |= set([
    # Better not create a merge nightmare for the GNAT folks.
    'ada',

    # Handled separately.
    'testsuite',
])

self.skip_extensions |= set([
    # Maintained by the translation project.
    '.po',

    # Automatically-generated.
    '.pot',
])

self.fossilised_files |= set([
    # Old news won't be updated.
    'ONEWS',
])

class TestsuiteFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

    self.skip_extensions |= set([
        # Don't change the tests, which could be woend by anyone.
        '.c',
        '.C',
        '.cc',
        '.h',
        '.hs',
        '.f',
        '.f90',
        '.go',
        '.inc',
        '.java',
    ])

    def skip_file(self, dir, filename):
        # g++.niklas/README contains historical copyright information
        # and isn't updated.
        if filename == 'README' and os.path.basename(dir) == 'g++.niklas':
            return True
return GenericFilter.skip_file (self, dir, filename)

class LibCppFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_extensions |= set ([
            # Maintained by the translation project.
            '.po',

            # Automatically-generated.
            '.pot',
        ])

class LibGCCFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_dirs |= set ([
            # Imported from GLIBC.
            'soft-fp',
        ])

class LibJavaFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_dirs |= set ([
            # Handled separately.
            'testsuite',

            # Not really part of the library
            'contrib',

            # Imported from upstream
            'classpath',
            'libltdl',
        ])

def get_line_filter (self, dir, filename):
    if filename == 'NameDecoder.h':
        return re.compile ('.*NAME_COPYRIGHT')
    if filename == 'ICC_Profile.h':
        return re.compile ('.*icSigCopyrightTag')
    return GenericFilter.get_line_filter (self, dir, filename)

class LibMudflapFilter (GenericFilter):
    def __init__ (self):
GenericFilter.__init__ (self)

self.skip_dirs |= set (
    # Handled separately.
    'testsuite',
)

class LibStdCxxFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_files |= set (
            # Contains no copyright of its own, but quotes the GPL.
            'intro.xml',
        )

        self.skip_dirs |= set (
            # Contains automatically-generated sources.
            'html',

            # The testsuite data files shouldn't be changed.
            'data',

            # Contains imported images
            'images',
        )

        self.own_files |= set (
            # Contains markup around the copyright owner.
            'spine.xml',
        )

def get_line_filter (self, dir, filename):
    if filename == 'boost_concept_check.h':
        return re.compile ('// (C) Copyright Jeremy Siek')
    return GenericFilter.get_line_filter (self, dir, filename)

class GCCCopyright (Copyright):
    def __init__ (self, errors):
        Copyright.__init__ (self, errors)

        canon_fsf = 'Free Software Foundation, Inc.'
        self.add_package_author ('Free Software Foundation', canon_fsf)
        self.add_package_author ('Free Software Foundation', canon_fsf)
        self.add_package_author ('Free Software Foundation, Inc', canon_fsf)
        self.add_package_author ('Free Software Foundation, Inc', canon_fsf)
        self.add_package_author ('The Free Software Foundation', canon_fsf)
        self.add_package_author ('The Free Software Foundation', canon_fsf)
self.add_package_author ('The Free Software Foundation, Inc.', canon_fsf)
self.add_package_author ('Software Foundation, Inc.', canon_fsf)

self.add_external_author ('ARM')
self.add_external_author ('AdaCore')
self.add_external_author ('Ami Tavory and Vladimir Dreizin, IBM-HRL.')
self.add_external_author ('Cavium Networks.')
self.add_external_author ('Faraday Technology Corp.')
self.add_external_author ('Florida State University')
self.add_external_author ('Greg Colvin and Beman Dawes.')
self.add_external_author ('Hewlett-Packard Company')
self.add_external_author ('Information Technology Industry Council.')
self.add_external_author ('James Theiler, Brian Gough')
self.add_external_author ('Makoto Matsumoto and Takuji Nishimura,')
self.add_external_author ('National Research Council of Canada.')
self.add_external_author ('NVIDIA Corporation')
self.add_external_author ('Peter Dimov and Multi Media Ltd.')
self.add_external_author ('Peter Dimov')
self.add_external_author ('Pipeline Associates, Inc.')
self.add_external_author ('Regents of the University of California.')
self.add_external_author ('Silicon Graphics Computer Systems, Inc.')
self.add_external_author ('Silicon Graphics')
self.add_external_author ('Stephen L. Moshier')
self.add_external_author ('Sun Microsystems, Inc. All rights reserved.')
self.add_external_author ('The Go Authors. All rights reserved.')
self.add_external_author ('The Go Authors.')
self.add_external_author ('The Regents of the University of California.')
self.add_external_author ('Unicode, Inc.')
self.add_external_author ('University of Toronto.')

class GCCCmdLine (CmdLine):
def __init__(self):
    CmdLine.__init__(self, GCCCopyright)

    self.add_dir ('.', TopLevelFilter())
    # boehm-gc is imported from upstream.
    self.add_dir ('config', ConfigFilter())
    # contrib isn't really part of GCC.
    self.add_dir ('fixincludes')
    self.add_dir ('gcc', GCCFilter())
    self.add_dir (os.path.join ('gcc', 'testsuite'), TestsuiteFilter())
    self.add_dir ('gnattools')
    self.add_dir ('include')
    self.add_dir ('libada')
    self.add_dir ('libatomic')
    self.add_dir ('libbacktrace')
    self.add_dir ('libcpp', LibCppFilter())
self.add_dir('libdecnumber')
# libffi is imported from upstream.
self.add_dir('libgcc', LibGCCFilter())
self.add_dir('libgfortran')
self.add_dir('libgomp')
self.add_dir('libiberty')
self.add_dir('libitm')
self.add_dir('libjava', LibJavaFilter())
self.add_dir(os.path.join('libjava', 'testsuite'), TestsuiteFilter())
self.add_dir('libmudflap', LibMudflapFilter())
self.add_dir(os.path.join('libmudflap', 'testsuite'),
             TestsuiteFilter())
self.add_dir('libobjc')
self.add_dir('libquadmath')
# libsanitiser is imported from upstream.
self.add_dir('libssp')
self.add_dir('libstdc++-v3', LibStdCxxFilter())
self.add_dir('libvtv')
self.add_dir('lto-plugin')
# zlib is imported from upstream.

self.default_dirs = [
    'gcc',
    'libada',
    'libatomic',
    'libbacktrace',
    'libcpp',
    'libdecnumber',
    'libgcc',
    'libgfortran',
    'libgomp',
    'libitm',
    'libmudflap',
    'libobjc',
    'libstdc++-v3',
]

GCCCmdLine().main()

/* Definitions for BSD assembler syntax for Intel 386
   (actually AT&T syntax for insns and operands,
   adapted to BSD conventions for symbol names and debugging.)
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along with GCC; see the file COPYING3. If not see
<http://www.gnu.org/licenses/>. */

/* Use the Sequent Symmetry assembler syntax. */

/* Define the syntax of pseudo-ops, labels and comments. */

/* Prefix for internally generated assembler labels. If we aren't using
underscores, we are using prefix `.'s to identify labels that should
be ignored, as in `i386/gas.h' --karl@cs.umb.edu */

#define LPREFIX "L"

/* Assembler pseudos to introduce constants of various size. */

#define ASM_BYTE "\t.byte\t"
#define ASM_SHORT "\t.word\t"
#define ASM_LONG "\t.long\t"
#define ASM_QUAD "\t.quad\t" /* Should not be used for 32bit compilation. */

/* This was suggested, but it shouldn't be right for DBX output. -- RMS
#define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */

/* Define the syntax of labels and symbol definitions/declarations. */

/* This is how to output an assembler line
that says to advance the location counter by SIZE bytes. */

#define ASM_OUTPUT_SKIP(FILE,SIZE) \nfprintf (FILE, "\t.space ": HOST_WIDE_INT_PRINT_UNSIGNED":n", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations. */

/* This says how to output an assembler line
to define a global common symbol. */

#define ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED) \n( fputs (".comm ", (FILE)),\n assemble_name ((FILE), (NAME)),\n
fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

/* This says how to output an assembler line to define a local common symbol. */

#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED)  
( fputs (”.lcomm ", (FILE)),
  assemble_name ((FILE), (NAME)),
  fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

#if defined HAVE_GAS_LCOMM_WITH_ALIGNMENT
#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT)  
( fputs (”.lcomm ", (FILE)),
  assemble_name ((FILE), (NAME)),
  fprintf ((FILE), ",%u,%u\n", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line that says to advance the location counter to a multiple of 2**LOG bytes. */

#define ASM_OUTPUT_ALIGN(FILE,LOG)	
if ((LOG)!=0) fprintf ((FILE), 	.align %d\n", (LOG))

/* This is how to store into the string BUF the symbol_ref name of an internal numbered label where PREFIX is the class of label and NUM is the number within the class. This is suitable for output with `assemble_name'. */

#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER)	
sprintf ((BUF), 
*%s%ld", (PREFIX), (long)(NUMBER))

/* The prefix to add to user-visible assembler symbols. */

#define USER_LABEL_PREFIX "_"

/* Sequent has some changes in the format of DBX symbols. */
#define DBX_NO_XREFS 1

/* Don't split DBX symbols into continuations. */
#define DBX_CONTIN_LENGTH 0

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Version 2.1, February 1999

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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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/* Permission.java -- The superclass for all permission objects

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package java.security;

import gnu.java.lang.CPStringBuilder;

import java.io.Serializable;

/**
 * This class is the abstract superclass of all classes that implement
 * the concept of a permission.  A permission consists of a permission name
 * and optionally a list of actions that relate to the permission.  The
 * actual meaning of the name of the permission is defined only in the
* context of a subclass. It may name a resource to which access permissions
* are granted (for example, the name of a file) or it might represent
* something else entirely. Similarly, the action list only has meaning
* within the context of a subclass. Some permission names may have no
* actions associated with them. That is, you either have the permission
* or you don't.
*
* <p>The most important method in this class is <code>implies</code>. This
* permission is also implied. As a conceptual example, consider the
* permissions "Read All Files" and "Read File foo". The permission
* "Read All Files" implies that the caller has permission to read the
* file foo.
*
* <p><code>Permission</code>'s must be immutable - do not change their
* state after creation.
*
* @author Aaron M. Renn (arenn@urbanophile.com)
* @see Permissions
* @see PermissionCollection
* @since 1.1
* @status updated to 1.4
* /
public abstract class Permission implements Guard, Serializable
{
 /**
   * Compatible with JDK 1.1+.
   */
private static final long serialVersionUID = -5636570222231596674L;

 /**
   * This is the name assigned to this permission object.
   *
   * @serial the name of the permission
   */
private String name;

 /**
   * Create an instance with the specified name.
   *
   * @param name the permission name
   */
public Permission(String name)
{
    this.name = name;
}

 /**
* This method implements the `<code>Guard</code>` interface for this class.
* It calls the `<code>checkPermission</code>` method in
* `<code>SecurityManager</code>` with this `<code>Permission</code>` as its
* argument. This method returns silently if the security check succeeds
* or throws an exception if it fails.
*
* @param obj the `<code>Object</code>` being guarded - ignored by this class
* @throws SecurityException if the security check fails
* @see GuardedObject
* @see SecurityManager#checkPermission(Permission)
*/
public void checkGuard(Object obj)
{
    SecurityManager sm = System.getSecurityManager();
    if (sm != null)
        sm.checkPermission(this);
}

/**
* This method tests whether this `<code>Permission</code>` implies that the
* specified `<code>Permission</code>` is also granted.
*
* @param perm the `<code>Permission</code>` to test against
* @return true if perm is implied by this
*/
public abstract boolean implies(Permission perm);

/**
* Check to see if this object equals obj. Use `<code>implies</code>`, rather
* than `<code>equals</code>`, when making access control decisions.
*
* @param obj the object to compare to
*/
public abstract boolean equals(Object obj);

/**
* This method returns a hash code for this `<code>Permission</code>`. It
* must satisfy the contract of `<code>Object.hashCode</code>`: it must be
* the same for all objects that equals considers to be the same.
*
* @return a hash value
*/
public abstract int hashCode();

/**
* Get the name of this `<code>Permission</code>`.
* @return the name
/**
 * This method returns the list of actions for this <code>Permission</code>
 * as a <code>String</code>. The string should be in canonical order, for
 * example, both <code>new FilePermission(f, "write,read")</code> and
 * <code>new FilePermission(f, "read,write")</code> have the action list
 * "read,write".
 *
 * @return the action list for this <code>Permission</code>
 */
public abstract String getActions();

/**
 * This method returns an empty <code>PermissionCollection</code> object
 * that can store permissions of this type, or <code>null</code> if no
 * such collection is defined. Subclasses must override this to provide
 * an appropriate collection when one is needed to accurately calculate
 * <code>implies</code>.
 *
 * @return a new <code>PermissionCollection</code>
 */
public PermissionCollection newPermissionCollection()
{
    return null;
}

/**
 * This method returns a <code>String</code> representation of this
 * <code>Permission</code> object. This is in the format:
 * <code>'(' + getClass().getName() + ' ' + getName() + ' ' + getActions
 * + ')'</code>.
 *
 * @return this object as a <code>String</code>
 */
public String toString()
{
    CPStringBuilder string = new CPStringBuilder();

    string = string.append('(');
    string = string.append(getClass().getName());
    string = string.append(' ');
    string = string.append(getName());
    string = string.append(' ');
    string = string.append(getActions);
    string = string.append(')');

    return string.toString();
}
if (!(getActions().equals("")))
{
    string = string.append(' ');
    string = string.append(getActions());
}

string = string.append(')');
return string.toString();
}
} // class Permission

This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM.

Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazille@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code.

Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port.

Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.

Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code.
Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks(agar@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task). Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)
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```plaintext
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@end small Example

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```

**1.221 hostname 3.20**

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hostname -- set the host name or show the host/domain name

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1.225 jakarta-ws-rs-api 2.1.5

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1.234 metrics-json 4.1.0

1.235 go-jose 2.5.1
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1.236 sysv-init 2.88dsf 59.10ubuntu1

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1.237 linux-signed-hwe 5.4.0-52.57~18.04.1

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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, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see
https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was 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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1.243 snake-yaml 1.12

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1.244 readline 8.0.0 r0

1.245 libseccomp 2.4.1 0ubuntu0.16.04.2
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1.248 apk-tools 2.10.5-r2
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 *
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<signature of Ty Coon>, 1 April 1989
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1.258 spew 1.1.1
1.258.1 Available under license :
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1.259 libcap-ng 0.7.7-3+b1
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This package was debianized by Pierre Chifflier <pollux@debian.org> on

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1.260 libmnl 1.0.4 2
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(For example, a function in a library to compute square roots has
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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 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
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with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
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executable containing the modified Library. (It is understood
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to use the modified definitions.)

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.

c) Accompany the work with a written offer, valid for at
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The purpose is to solve some problems with the display of
math symbols that appear with the latex-XFT fonts.

The fonts included in this package are taken from

http://www.ctan.org/tex-archive/fonts/cm/ps-type1/bakoma/ttf/

and have been modified for use with LyX.
The changes made are simple remappings of glyphs. These mappings are:

cmsy10.ttf  char 8728 mapped to char 183 (\leq)
cmsy10.ttf  char 196 mapped to char 127 (\spadesuit)
msbm10.ttf  char 8728 mapped to char 183 (\nleqq)
msbm10.ttf  char 196 mapped to char 127 (\backepsilon)
cmmi10.ttf  char 8728 mapped to char 183 (\kappa)
msam10.ttf  char 196 mapped to char 127 (\circledast)
msam10.ttf  char 8728 mapped to char 183 (\uparrows)

The mappings do not change any glyph but make the glyphs mentioned available under new codes, too. So the functionality of the fonts will not be affected in any other application.

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ftp://tug.ctan.org/pub/tex-archive/fonts/cm/ps-type1/bakoma/LICENCE

apply.

1.263 cpp 8.3.0-r1

1.263.1 Available under license:
GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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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. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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DRuntime: Runtime Library for the D Programming Language

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

1.264 xml-core 0.13+nmu2

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This is the Debian package of xml-core. It is assembled and maintained
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--- a/sql/plluatest.sql
+++ b/sql/plluatest.sql
@@ -160,6 +160,7 @@

CREATE FUNCTION filltree (t text, n int) RETURNS void AS $$
local p = server.prepare("insert into " .. t .. " values($1, $2, $3)",
{"int4", "int4", "int4"})
--- a/sql/plluatest.sql
+++ b/sql/plluatest.sql
@@ -160,6 +160,7 @@
SELECT * FROM get_rows('name');

+SET client_min_messages = warning;
CREATE TABLE tree (id INT PRIMARY KEY, lchild INT, rchild INT);

CREATE FUNCTION filltree (t text, n int) RETURNS void AS $$
# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
pkgname=libart-lgpl
pkgver=2.3.21
pkgrel=5
pkgdesc="A library for high-performance 2D graphics"
url="http://www.levien.com/libart/
arch="all"
license="LGPL"
depends=
makedepends=
subpackages="$pkgname-dev"

_builddir="$srcdir/libart_lgpl-$pkgver"

prepare() {
    cd "$_builddir"
    update_config_sub || return 1
}
build() {
    cd "$_builddir"
    ./configure \
      --build=$CBUILD \ 
      --host=$CHOST \ 
      --prefix=/usr \ 
    || return 1
    make || return 1
}
package() {
    cd "$_builddir"
    make DESTDIR="$pkgdir" install || return 1
    rm "$pkgdir/usr/lib/*.la
}

md5sums="08559ff3c67fd95d57b0c5e91a6b4302 libart_lgpl-2.3.21.tar.bz2"
From 6e2604464e64cfaf1e0327228f53f4787b69470 Mon Sep 17 00:00:00 2001
From: =?UTF-8?q?Timo?=20Ter=C3=A4s?= <timo.teras@iki.fi>
Date: Mon, 9 Mar 2015 16:30:53 +0200
Subject: [PATCH] sqlops: fix use-after-free by deep copying result name
When creating a new result handle, deep copy the result name. Otherwise we might end up accessing the name after it's freed.

---
modules/sqlops/sql_api.c | 7 ++++--
1 file changed, 5 insertions(+), 2 deletions(-)

diff --git a/modules/sqlops/sql_api.c b/modules/sqlops/sql_api.c
index cf0efee..db87fbf 100644
--- a/modules/sqlops/sql_api.c
+++ b/modules/sqlops/sql_api.c
@@ -197,14 +197,16 @@ sql_result_t* sql_get_result(str *name)
 return sr;
 sr = sr->next;
 }
-+sr = (sql_result_t*)pkg_malloc(sizeof(sql_result_t));
+sr = (sql_result_t*)pkg_malloc(sizeof(sql_result_t) + name->len);
 if(sr==NULL)
 {   
 LM_ERR("no pkg memory\n");
 return NULL;
 }
 memset(sr, 0, sizeof(sql_result_t));
-+sr->name = *name;
+memcpy(sr+1, name->s, name->len);
+sr->name.s = (char *)(sr + 1);
+sr->name.len = name->len;
 sr->resid = resid;
 sr->next = _sql_result_root;
 _sql_result_root = sr;
@@ -683,6 +685,7 @@ void sql_destroy(void)
 pkg_free(r);
 r = r0;
 }+
 _sql_result_root = NULL;
}

/**
--
2.3.5
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pkgdesc="packages that provide templated software licenses"
url="http://search.cpan.org/dist/Software-License/
arch="noarch"
license="GPL PerlArtistic"
cpandepends="perl-text-template perl-data-section perl-sub-install"
cpanmakedepends=""
depends="cpandepends"
makedepend="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/R/RJ/RJBS/$_pkgreal-$pkgver.tar.gz"

_builddir="$_builddir"$pkgreal-$pkgver"

prepare() {
  cd "$_builddir"
  export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
  PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
  cd "$_builddir"
  export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
  make && make test
}

package() {
  cd "$_builddir"
  make DESTDIR="$pkgdir" install || return 1
  find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete
}

md5sums="0c5fd53d93818566234578b27d667b35  Software-License-0.103004.tar.gz"
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    # Seaborn bright palette
    axes.prop_cycle: cycler('color', ['003FFF', '03ED3A', 'E8000B', '8A2BE2', 'FFC400', '00D7FF'])
    patch.facecolor: 003FFF

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    C.B. Barber
    Arlington, MA

    and

    The National Science and Technology Research Center for
    Computation and Visualization of Geometric Structures
    (The Geometry Center)
    University of Minnesota

    email: qhull@qhull.org

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   qhull_bug@qhull.org; the authors may or may not act on them as
   they desire.

    # Seaborn common parameters
    # .15 = dark_gray
    # .8 = light_gray
    figure.facecolor: white
    text.color: .15
    axes.labelcolor: .15
legend.frameon: False
legend.numpoints: 1
legend.scatterpoints: 1
xtick.direction: out
ytick.direction: out
xtick.color: .15
ytick.color: .15
axes.axisbelow: True
image.cmap: Greys
font.family: sans-serif
font.sans-serif: Arial, Liberation Sans, DejaVu Sans, Bitstream Vera Sans, sans-serif
grid.linestyle: -
lines.solid_capstyle: round

# Seaborn darkgrid parameters
axes.grid: True
axes.facecolor: EAEAF2
axes.edgecolor: white
axes.linewidth: 0
grid.color: white
xtick.major.size: 0
ytick.major.size: 0
xtick.minor.size: 0
ytick.minor.size: 0
StartFontMetrics 2.0
Comment Copyright (c) 1989, 1990, 1991, Adobe Systems Incorporated. All rights reserved.
Comment Creation Date: Tue Sep 17 14:02:41 1991
Comment UniqueID 36384
Comment VMusage 31992 40360
FontName Courier-Bold
FullName Courier Bold
FamilyName Courier
Weight Bold
ItalicAngle 0
IsFixedPitch true
FontBBox -113 -250 749 801
UnderlinePosition -100
UnderlineThickness 50
Version 002.004
Notice Copyright (c) 1989, 1990, 1991, Adobe Systems Incorporated. All rights reserved.
EncodingScheme AdobeStandardEncoding
CapHeight 562
XHeight 439
Ascender 626
Descender -142
StartCharMetrics 260
C 32 ; WX 600 ; N space ; B 0 0 0 0 ;
C 33 ; WX 600 ; N exclam ; B 202 -15 398 572 ;
Open Source Used In MKS Edge 1.6.0 1.6.0.268 2829

CC Zcaron 2 ; PCC Z 0 0 ; PCC caron 0 123 ;
CC aacute 2 ; PCC a 0 0 ; PCC acute 0 0 ;
CC acircumflex 2 ; PCC a 0 0 ; PCC circumflex -20 0 ;
CC adieresis 2 ; PCC a 0 0 ; PCC dieresis -10 0 ;
CC agrave 2 ; PCC a 0 0 ; PCC grave -30 0 ;
CC aring 2 ; PCC a 0 0 ; PCC ring 0 0 ;
CC atilde 2 ; PCC a 0 0 ; PCC tilde 0 0 ;
CC eacute 2 ; PCC e 0 0 ; PCC acute 0 0 ;
CC ecircumflex 2 ; PCC e 0 0 ; PCC circumflex 0 0 ;
CC edieresis 2 ; PCC e 0 0 ; PCC dieresis 0 0 ;
CC egrave 2 ; PCC e 0 0 ; PCC grave 0 0 ;
CC gcaron 2 ; PCC g 0 0 ; PCC caron -40 0 ;
CC iacute 2 ; PCC dotlessi 0 0 ; PCC acute 0 0 ;
CC icircumflex 2 ; PCC dotlessi 0 0 ; PCC circumflex -40 0 ;
CC idieresis 2 ; PCC dotlessi 0 0 ; PCC dieresis -40 0 ;
CC ntilde 2 ; PCC n 0 0 ; PCC tilde 0 0 ;
CC oacute 2 ; PCC o 0 0 ; PCC acute 0 0 ;
CC ocircumflex 2 ; PCC o 0 0 ; PCC circumflex 0 0 ;
CC odieresis 2 ; PCC o 0 0 ; PCC dieresis 0 0 ;
CC ograve 2 ; PCC o 0 0 ; PCC grave 0 0 ;
CC saron 2 ; PCC s 0 0 ; PCC caron 0 0 ;
CC uacute 2 ; PCC u 0 0 ; PCC acute 0 0 ;
CC ucircumflex 2 ; PCC u 0 0 ; PCC circumflex -20 0 ;
CC udieresis 2 ; PCC u 0 0 ; PCC dieresis -20 0 ;
CC yacute 2 ; PCC y 0 0 ; PCC acute 30 0 ;
CC ydieresis 2 ; PCC y 0 0 ; PCC dieresis 10 0 ;
CC zcaron 2 ; PCC z 0 0 ; PCC caron 0 0 ;
EndComposites
EndFontMetrics

#Author: Cameron Davidson-Pilon, replicated styles from FiveThirtyEight.com
# See https://www.dataorigami.net/blogs/fivethirtyeight-mpl

lines.linewidth: 4
lines.solid_capstyle: butt

legend.fancybox: true

axes.prop_cycle: cycler('color', ['008fd5', 'fc4f30', 'e5ae38', '6d904f', '8b8b8b', '810f7c'])
axes.facecolor: f0f0f0
axes.labelsize: large
axes.axisbelow: true
axes.grid: true
axes.edgecolor: f0f0f0
axes.linewidth: 3.0
axes.titlesize: x-large
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StartFontMetrics 2.0
Comment Copyright (c) 1985, 1987, 1989, 1990 Adobe Systems Incorporated. All rights reserved.
Comment Creation Date: Thu Mar 15 11:04:57 1990
Comment UniqueID 28380
Comment VMusage 7572 42473
FontName Helvetica-Narrow
FullName Helvetica Narrow
FamilyName Helvetica
Weight Medium
ItalicAngle 0
IsFixedPitch false
FontBBox -136 -225 820 931
UnderlinePosition -100
UnderlineThickness 50
Version 001.006
Notice Copyright (c) 1985, 1987, 1989, 1990 Adobe Systems Incorporated. All rights reserved.Helvetica is a trademark of Linotype AG and/or its subsidiaries.
EncodingScheme AdobeStandardEncoding
CapHeight 718
XHeight 523
Ascender 718
Descender -207
StartCharMetrics 228
C 32 ; WX 228 ; N space ; B 0 0 0 0 ;
C 33 ; WX 228 ; N exclam ; B 74 0 153 718 ;
C 34 ; WX 291 ; N quotedbl ; B 57 463 234 718 ;
C 35 ; WX 456 ; N numbersign ; B 23 0 434 688 ;
C 36 ; WX 456 ; N dollar ; B 26 -115 426 775 ;
C 37 ; WX 729 ; N percent ; B 32 -19 697 703 ;
C 38 ; WX 547 ; N ampersand ; B 36 -15 529 718 ;
C 39 ; WX 182 ; N queright ; B 43 463 129 718 ;
C 40 ; WX 273 ; N parenleft ; B 56 -207 245 733 ;
C 41 ; WX 273 ; N parenright ; B 28 -207 217 733 ;
C 42 ; WX 319 ; N asterisk ; B 32 431 286 718 ;
C 43 ; WX 479 ; N plus ; B 32 0 447 505 ;
C 44 ; WX 228 ; N comma ; B 71 -147 157 106 ;
C 45 ; WX 273 ; N hyphen ; B 36 232 237 322 ;
C 46 ; WX 228 ; N period ; B 71 0 157 106 ;
C 47 ; WX 228 ; N slash ; B -14 -19 242 737 ;
C 48 ; WX 456 ; N zero ; B 30 -19 426 703 ;
C 49 ; WX 456 ; N one ; B 83 0 294 703 ;
C 50 ; WX 456 ; N two ; B 21 0 416 703 ;
C 51 ; WX 456 ; N three ; B 28 -19 428 703 ;
C 52 ; WX 456 ; N four ; B 20 0 429 703 ;
C 53 ; WX 456 ; N five ; B 26 -19 421 688 ;
C 54 ; WX 456 ; N six ; B 31 -19 425 703 ;
C 55 ; WX 456 ; N seven ; B 30 0 429 688 ;
C 56 ; WX 456 ; N eight ; B 31 -19 424 703 ;
C -1 ; WX 456 ; N odiereis ; B 29 -14 427 706 ;
C -1 ; WX 456 ; N oacute ; B 29 -14 427 734 ;
C -1 ; WX 328 ; N degree ; B 44 411 284 703 ;
C -1 ; WX 228 ; N igrave ; B -11 0 151 734 ;
C -1 ; WX 456 ; N mu ; B 56 -207 401 523 ;
C -1 ; WX 638 ; N Oacute ; B 32 -19 606 929 ;
C -1 ; WX 456 ; N eth ; B 29 -15 428 737 ;
C -1 ; WX 547 ; N Adieresis ; B 11 0 536 901 ;
C -1 ; WX 547 ; N Yacute ; B 11 0 535 929 ;
C -1 ; WX 213 ; N brokenbar ; B 77 -19 137 737 ;
C -1 ; WX 684 ; N onehalf ; B 35 -19 634 703 ;
EndCharMetrics
StartKernData
StartKernPairs 250

KPX A y -32
KPX A w -32
KPX A v -32
KPX A u -24
KPX A Y -81
KPX A W -40
KPX A V -56
KPX A U -40
KPX A T -97
KPX A Q -24
KPX A O -24
KPX A G -24
KPX A C -24

KPX B period -15
KPX B comma -15
KPX B U -7

KPX C period -24
KPX C comma -24

KPX D period -56
KPX D comma -56
KPX D Y -73
KPX D W -32
KPX D V -56
KPX D A -32

KPX F r -36
KPX F period -122
KPX F o -24
KPX F e -24
KPX F comma -122
KPX F a -40
KPX F A -65

KPX J u -15
KPX J period -24
KPX J comma -24
KPX J a -15
KPX J A -15

KPX K y -40
KPX K u -24
KPX K o -32
KPX K e -32
KPX K O -40

KPX L y -24
KPX L quoteright -130
KPX L quotedblright -114
KPX L Y -114
KPX L W -56
KPX L V -89
KPX L T -89

KPX O period -32
KPX O comma -32
KPX O Y -56
KPX O X -48
KPX O W -24
KPX O V -40
KPX O T -32
KPX O A -15

KPX P period -147
KPX P o -40
KPX P e -40
KPX P comma -147
KPX P a -32
KPX P A -97

KPX Q U -7

KPX R Y -40
KPX R W -24
KPX R V -40
KPX R U -32
KPX R T -24
KPX R O -15

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KPX S period -15
KPX S comma -15

KPX T y -97
KPX T w -97
KPX T u -97
KPX Tsemicolon -15
KPX T r -97
KPX T period -97
KPX T o -97
KPX T hyphen -114
KPX T e -97
KPX T comma -97
KPX T colon -15
KPX T a -97
KPX T O -32
KPX T A -97

KPX U period -32
KPX U comma -32
KPX U A -32

KPX V u -56
KPX Vsemicolon -32
KPX V period -102
KPX V o -65
KPX V hyphen -65
KPX V e -65
KPX V comma -102
KPX V colon -32
KPX V a -56
KPX V O -32
KPX V G -32
KPX V A -65

KPX W y -15
KPX W u -24
KPX W period -65
KPX W o -24
KPX W hyphen -32
KPX W e -24
KPX W comma -65
KPX W a -32
KPX W O -15
KPX W A -40

KPX Y u -89
KPX Ysemicolon -48
KPX h y -24

KPX k o -15
KPX k e -15

KPX m y -11
KPX m u -7

KPX n y -11
KPX n v -15
KPX n u -7

KPX o y -24
KPX o x -24
KPX o w -11
KPX o v -11
KPX o period -32
KPX o comma -32

KPX oslash z -44
KPX oslash y -56
KPX oslash x -69
KPX oslash w -56
KPX oslash v -56
KPX oslash u -44
KPX oslash t -44
KPX oslash s -44
KPX oslash r -44
KPX oslash q -44
KPX oslash period -77
KPX oslash p -44
KPX oslash o -44
KPX oslash n -44
KPX oslash m -44
KPX oslash l -44
KPX oslash k -44
KPX oslash j -44
KPX oslash i -44
KPX oslash h -44
KPX oslash g -44
KPX oslash f -44
KPX oslash e -44
KPX oslash d -44
KPX oslash comma -77
KPX oslash c -44
KPX oslash b -44
KPX oslash a -44
KRX v period -65
KRX v o -20
KRX v e -20
KRX v comma -65
KRX v a -20

KRX w period -48
KRX w o -7
KRX w e -7
KRX w comma -48
KRX w a -11

KRX x e -24

KRX y period -81
KRX y o -15
KRX y e -15
KRX y comma -81
KRX y a -15

KRX z o -11
KRX z e -11
EndKernPairs
EndKernData
StartComposites 58
CC Aacute 2 ; PCC A 0 0 ; PCC acute 137 195 ;
CC Acircumflex 2 ; PCC A 0 0 ; PCC circumflex 137 195 ;
CC Adieresis 2 ; PCC A 0 0 ; PCC dieresis 137 195 ;
CC Agrave 2 ; PCC A 0 0 ; PCC grave 137 195 ;
CC Aring 2 ; PCC A 0 0 ; PCC ring 137 175 ;
CC Atilde 2 ; PCC A 0 0 ; PCC tilde 137 195 ;
CC Ccedilla 2 ; PCC C 0 0 ; PCC cedilla 160 0 ;
CC Eacute 2 ; PCC E 0 0 ; PCC acute 137 195 ;
CC Ecircumflex 2 ; PCC E 0 0 ; PCC circumflex 137 195 ;
CC Edieresis 2 ; PCC E 0 0 ; PCC dieresis 137 195 ;
CC Egrave 2 ; PCC E 0 0 ; PCC grave 137 195 ;
CC Iacute 2 ; PCC I 0 0 ; PCC acute -22 195 ;
CC Icircumflex 2 ; PCC I 0 0 ; PCC circumflex -22 195 ;
CC Idieresis 2 ; PCC I 0 0 ; PCC dieresis -22 195 ;
CC Igrave 2 ; PCC I 0 0 ; PCC grave -22 195 ;
CC Ntilde 2 ; PCC N 0 0 ; PCC tilde 168 195 ;
CC Oacute 2 ; PCC O 0 0 ; PCC acute 183 195 ;
CC Odieresis 2 ; PCC O 0 0 ; PCC dieresis 183 195 ;
CC Ograve 2 ; PCC O 0 0 ; PCC grave 183 195 ;
CC Otilde 2 ; PCC O 0 0 ; PCC tilde 183 195 ;
CC Scaron 2 ; PCC S 0 0 ; PCC caron 137 195 ;
CC Uacute 2 ; PCC U 0 0 ; PCC acute 160 195 ;
CharacterSet ExtendedRoman
FontBBox -166 -225 1000 931
UnderlinePosition -100
UnderlineThickness 50
Version 002.000


EncodingScheme AdobeStandardEncoding

CapHeight 718
XHeight 523
Ascender 718
Descender -207
StdHW 76
StdVW 88

StartCharMetrics 315
C 32 ; WX 278 ; N space ; B 0 0 0 0 ;
C 33 ; WX 278 ; N exclam ; B 90 0 187 718 ;
C 34 ; WX 355 ; N quotedbl ; B 70 463 285 718 ;
C 35 ; WX 556 ; N numbersign ; B 28 0 529 688 ;
C 36 ; WX 556 ; N dollar ; B 32 -115 520 775 ;
C 37 ; WX 889 ; N percent ; B 39 -19 850 703 ;
C 38 ; WX 667 ; N ampersand ; B 44 -15 645 718 ;
C 39 ; WX 222 ; N quoteright ; B 53 463 285 718 ;
C 40 ; WX 333 ; N parenleft ; B 68 -207 299 733 ;
C 41 ; WX 333 ; N parenright ; B 34 -207 265 733 ;
C 42 ; WX 389 ; N asterisk ; B 39 431 349 718 ;
C 43 ; WX 584 ; N plus ; B 39 0 545 505 ;
C 44 ; WX 278 ; N comma ; B 87 -147 191 106 ;
C 45 ; WX 333 ; N hyphen ; B 44 232 289 322 ;
C 46 ; WX 278 ; N period ; B 87 0 191 106 ;
C 47 ; WX 278 ; N slash ; B -17 629 377 629 ;
C 48 ; WX 556 ; N zero ; B 37 -19 519 703 ;
C 49 ; WX 556 ; N one ; B 101 0 359 703 ;
C 50 ; WX 556 ; N two ; B 26 0 507 703 ;
C 51 ; WX 556 ; N three ; B 34 -19 522 703 ;
C 52 ; WX 556 ; N four ; B 25 0 523 703 ;
C 53 ; WX 556 ; N five ; B 32 -19 514 688 ;
C 54 ; WX 556 ; N six ; B 38 -19 518 703 ;
C 55 ; WX 556 ; N seven ; B 37 0 523 688 ;
C 56 ; WX 556 ; N eight ; B 38 -19 517 703 ;
C 57 ; WX 556 ; N nine ; B 42 -19 514 703 ;
C 58 ; WX 278 ; N colon ; B 87 0 191 516 ;
C 59 ; WX 278 ; N semicolon ; B 87 -147 191 516 ;
C 60 ; WX 584 ; N less ; B 48 11 536 495 ;
C 61 ; WX 584 ; N equal ; B 39 115 545 390 ;
C 62 ; WX 584 ; N greater ; B 48 11 536 495 ;
C 63 ; WX 556 ; N question ; B 56 0 492 727 ;
C 64 ; WX 1015 ; N at ; B 147 -19 868 737 ;
KPX Acircumflex Ccedilla -30
KPX Acircumflex G -30
KPX Acircumflex G breve -30
KPX Acircumflex G commaaccent -30
KPX Acircumflex O -30
KPX Acircumflex Oacute -30
KPX Acircumflex O circumflex -30
KPX Acircumflex Odieresis -30
KPX Acircumflex O grave -30
KPX Acircumflex O hungarumlaut -30
KPX Acircumflex O macron -30
KPX Acircumflex O slash -30
KPX Acircumflex Otilde -30
KPX Acircumflex Q -30
KPX Acircumflex T -120
KPX Acircumflex T caron -120
KPX Acircumflex T commaaccent -120
KPX Acircumflex U -50
KPX Acircumflex U acute -50
KPX Acircumflex U circumflex -50
KPX Acircumflex U dieresis -50
KPX Acircumflex U grave -50
KPX Acircumflex U hungarumlaut -50
KPX Acircumflex U macron -50
KPX Acircumflex U ogonek -50
KPX Acircumflex U ring -50
KPX Acircumflex U -70
KPX Acircumflex W -50
KPX Acircumflex Y -40
KPX Acircumflex Y acute -40
KPX Acircumflex Y dieresis -40
KPX Acircumflex u -30
KPX Acircumflex uacute -30
KPX Acircumflex ucircumflex -30
KPX Acircumflex udieresis -30
KPX Acircumflex ugrave -30
KPX Acircumflex uhungarumlaut -30
KPX Acircumflex umacron -30
KPX Acircumflex uogonek -30
KPX Acircumflex uring -30
KPX Acircumflex v -40
KPX Acircumflex w -40
KPX Acircumflex y -40
KPX Acircumflex yacute -40
KPX Acircumflex ydieresis -40
KPX Adieresis C -30
KPX Adieresis Cacute -30
KPX Adieresis Caron -30
KPX Agrave Ccedilla -30
KPX Agrave G -30
KPX Agrave Gbreve -30
KPX Agrave Gcommaaccent -30
KPX Agrave O -30
KPX Agrave Oacute -30
KPX Agrave Ocircumflex -30
KPX Agrave Odieresis -30
KPX Agrave Ograve -30
KPX Agrave Ohungarumlaut -30
KPX Agrave Omacron -30
KPX Agrave Oslash -30
KPX Agrave Otilde -30
KPX Agrave Q -30
KPX Agrave T -120
KPX Agrave Tcaron -120
KPX Agrave Tcommaaccent -120
KPX Agrave U -50
KPX Agrave Uacute -50
KPX Agrave Ucircumflex -50
KPX Agrave Udieresis -50
KPX Agrave Ugrave -50
KPX Agrave Uhungarumlaut -50
KPX Agrave Umacron -50
KPX Agrave Uogonek -50
KPX Agrave Uring -50
KPX Agrave V -70
KPX Agrave W -50
KPX Agrave Y -100
KPX Agrave Yacute -100
KPX Agrave Ydieresis -100
KPX Agrave u -30
KPX Agrave uacute -30
KPX Agrave ucircumflex -30
KPX Agrave udieresis -30
KPX Agrave ugrave -30
KPX Agrave uhungarumlaut -30
KPX Agrave umacron -30
KPX Agrave uogonek -30
KPX Agrave uiring -30
KPX Agrave v -40
KPX Agrave w -40
KPX Agrave y -40
KPX Agrave yacute -40
KPX Agrave ydieresis -40
KPX Amacron C -30
KPX Amacron Cacute -30
KPX Amacron Ccaron -30

Open Source Used In MKS Edge 1.6.0 1.6.0.268 2856
KPX Amacron Ccedilla -30
KPX Amacron G -30
KPX Amacron Gbreve -30
KPX Amacron Gcommaaccent -30
KPX Amacron O -30
KPX Amacron Oacute -30
KPX Amacron Ocircumflex -30
KPX Amacron Odieresis -30
KPX Amacron Ograve -30
KPX Amacron Ohungarumlaut -30
KPX Amacron Omacron -30
KPX Amacron Oslash -30
KPX Amacron Otilde -30
KPX Amacron Q -30
KPX Amacron T -120
KPX Amacron Tcaron -120
KPX Amacron Tcommaaccent -120
KPX Amacron U -50
KPX Amacron Uacute -50
KPX Amacron Ucircumflex -50
KPX Amacron Udieresis -50
KPX Amacron Ugrave -50
KPX Amacron Uhungarumlaut -50
KPX Amacron Umacron -50
KPX Amacron Uogonek -50
KPX Amacron Uring -50
KPX Amacron V -70
KPX Amacron W -50
KPX Amacron Y -100
KPX Amacron Yacute -100
KPX Amacron Ydieresis -100
KPX Amacron u -30
KPX Amacron uacute -30
KPX Amacron ucircumflex -30
KPX Amacron udieresis -30
KPX Amacron ugrave -30
KPX Amacron uhungarumlaut -30
KPX Amacron umacron -30
KPX Amacron uogonek -30
KPX Amacron uring -30
KPX Amacron v -40
KPX Amacron w -40
KPX Amacron y -40
KPX Amacron yacute -40
KPX Amacron ydieresis -40
KPX Aogonek C -30
KPX Aogonek Cacute -30
KPX Aogonek Ccaron -30
KPX Kcommaaccent ecaron -40
KPX Kcommaaccent ecircumflex -40
KPX Kcommaaccent edieresis -40
KPX Kcommaaccent edotaccent -40
KPX Kcommaaccent egrave -40
KPX Kcommaaccent emacron -40
KPX Kcommaaccent eogonek -40
KPX Kcommaaccent o -40
KPX Kcommaaccent oacute -40
KPX Kcommaaccent ocircumflex -40
KPX Kcommaaccent odieresis -40
KPX Kcommaaccent ograve -40
KPX Kcommaaccent ohungarumlaut -40
KPX Kcommaaccent omacron -40
KPX Kcommaaccent oslash -40
KPX Kcommaaccent otilde -40
KPX Kcommaaccent u -30
KPX Kcommaaccent uacute -30
KPX Kcommaaccent ucircumflex -30
KPX Kcommaaccent udieresis -30
KPX Kcommaaccent ugrave -30
KPX Kcommaaccent uhungarumlaut -30
KPX Kcommaaccent umacron -30
KPX Kcommaaccent uogonek -30
KPX Kcommaaccent uring -30
KPX Kcommaaccent y -50
KPX Kcommaaccent yacute -50
KPX Kcommaaccent ydieresis -50
KPX L T -110
KPX L Tcaron -110
KPX L Tcommaaccent -110
KPX L V -110
KPX L W -70
KPX L Y -140
KPX L Yacute -140
KPX L Ydieresis -140
KPX L quotedblright -140
KPX L quoteright -160
KPX L y -30
KPX L yacute -30
KPX L ydieresis -30
KPX Lacute T -110
KPX Lacute Tcaron -110
KPX Lacute Tcommaaccent -110
KPX Lacute V -110
KPX Lacute W -70
KPX Lacute Y -140
KPX Lacute Yacute -140
KPX Ograve X -60
KPX Ograve Y -70
KPX Ograve Yacute -70
KPX Ograve Ydieresis -70
KPX Ograve comma -40
KPX Ograve period -40
KPX Ohungarumlaut A -20
KPX Ohungarumlaut Aacute -20
KPX Ohungarumlaut Abreve -20
KPX Ohungarumlaut Acircumflex -20
KPX Ohungarumlaut Adieresis -20
KPX Ohungarumlaut Agrave -20
KPX Ohungarumlaut Amacron -20
KPX Ohungarumlaut Aogonek -20
KPX Ohungarumlaut Aring -20
KPX Ohungarumlaut Atilde -20
KPX Ohungarumlaut T -40
KPX Ohungarumlaut Tcaron -40
KPX Ohungarumlaut Tcommaaccent -40
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KPX quotedblright space -40
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KPX P A -8

KPX R y 59
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KPX R W 13
KPX R V 8
KPX R T 71

KPX T s 16
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KPX T c 14
KPX T a 17
KPX T A 1

KPX V y 15
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KPX V r -41
KPX V period -40
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KPX V i -20
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KPX V a -69
KPX V A -66

KPX W y 15
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KPX W period -40
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KPX Y comma -34
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KPX Y A -53

KPX f f 29

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KPX r hyphen 70
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KPX r g -4
KPX r f 33
KPX r e 7
KPX r d 7
KPX r comma -58
KPX r c 7

EndKernPairs
EndKernData

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CC Acircumflex 2 ; PCC A 0 0 ; PCC circumflex 130 177 ;
CC Adieresis 2 ; PCC A 0 0 ; PCC dieresis 130 177 ;
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CC Aring 2 ; PCC A 0 0 ; PCC ring 180 177 ;
CC Atilde 2 ; PCC A 0 0 ; PCC tilde 120 177 ;
CC Eacute 2 ; PCC E 0 0 ; PCC acute 220 177 ;
CC Ecircumflex 2 ; PCC E 0 0 ; PCC circumflex 150 177 ;
CC Edieresis 2 ; PCC E 0 0 ; PCC dieresis 150 177 ;
CC Egrave 2 ; PCC E 0 0 ; PCC grave 160 177 ;
CC Iacute 2 ; PCC I 0 0 ; PCC acute 20 177 ;
CC Icircumflex 2 ; PCC I 0 0 ; PCC circumflex -40 177 ;
CC Idieresis 2 ; PCC I 0 0 ; PCC dieresis -40 177 ;
CC Igrave 2 ; PCC I 0 0 ; PCC grave -20 177 ;
CC Ntilde 2 ; PCC N 0 0 ; PCC tilde 150 177 ;
CC Oacute 2 ; PCC O 0 0 ; PCC acute 260 177 ;
CC Ocircumflex 2 ; PCC O 0 0 ; PCC circumflex 190 177 ;
CC Odieresis 2 ; PCC O 0 0 ; PCC dieresis 190 177 ;
CC Ograve 2 ; PCC O 0 0 ; PCC grave 200 177 ;
CC Otilde 2 ; PCC O 0 0 ; PCC tilde 180 177 ;
CC Scaron 2 ; PCC S 0 0 ; PCC caron 120 177 ;
CC Uacute 2 ; PCC U 0 0 ; PCC acute 250 177 ;
CC Ucircumflex 2 ; PCC U 0 0 ; PCC circumflex 180 177 ;
CC Udieresis 2 ; PCC U 0 0 ; PCC dieresis 180 177 ;
CC Ugrave 2 ; PCC U 0 0 ; PCC grave 190 177 ;
CC Yacute 2 ; PCC Y 0 0 ; PCC acute 150 177 ;
CC Ydieresis 2 ; PCC Y 0 0 ; PCC dieresis 110 177 ;
CC Zcaron 2 ; PCC Z 0 0 ; PCC caron 110 177 ;
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CC agrave 2 ; PCC a 0 0 ; PCC grave 120 0 ;
CC aring 2 ; PCC a 0 0 ; PCC ring 130 0 ;
CC atilde 2 ; PCC a 0 0 ; PCC tilde 70 0 ;
CC eacute 2 ; PCC e 0 0 ; PCC acute 90 0 ;
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CC edieresis 2 ; PCC e 0 0 ; PCC dieresis 50 0 ;
CC egrave 2 ; PCC e 0 0 ; PCC grave 90 0 ;
CC iacute 2 ; PCC i 0 0 ; PCC acute -20 0 ;
CC icircumflex 2 ; PCC i 0 0 ; PCC circumflex -60 0 ;
CC idieresis 2 ; PCC i 0 0 ; PCC dieresis -60 0 ;
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CC ntilde 2 ; PCC n 0 0 ; PCC tilde 110 0 ;
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CC uacute 2 ; PCC u 0 0 ; PCC acute 170 0 ;
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CC ydieresis 2 ; PCC y 0 0 ; PCC dieresis 60 0 ;
CC zcaron 2 ; PCC z 0 0 ; PCC caron 30 0 ;
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EndFontMetrics
StartFontMetrics 2.0
Comment Creation Date: Thu Jun 21 22:23:20 1990
Comment UniqueID 5000774
FontName CMEX10
EncodingScheme FontSpecific
FullName CMEX10
FamilyName Computer Modern
Comment Ascending 96, 97% coprod - coproduct
Comment Ascending 98, 99, 100% widehat - hatwide
Comment Ascending 101, 102, 103% widetilde - tildewide
Comment Ascending 112, 113, 114, 115, 116% radical - sqrt
Comment Extensible characters (28)
Comment Extensible 12 top 0 mid 0 bot 0 rep 12 % vert - thin bar
Comment Extensible 13 top 0 mid 0 bot 0 rep 13 % Vert - thin double bar
Comment Extensible 48 top 48 mid 0 bot 64 rep 66 % ( - parenleft
Comment Extensible 49 top 49 mid 0 bot 65 rep 67 % ) - parenright
Comment Extensible 50 top 50 mid 0 bot 52 rep 54 % [ - bracketleft
Comment Extensible 51 top 51 mid 0 bot 53 rep 55 % ] - bracketright
Comment Extensible 52 top 0 mid 0 bot 52 rep 54 % lfloor - floorleft
Comment Extensible 53 top 0 mid 0 bot 53 rep 55 % rfloor - floorright
Comment Extensible 54 top 50 mid 0 bot 0 rep 54 % lceil - ceilingleft
Comment Extensible 55 top 51 mid 0 bot 0 rep 55 % rceil - ceilingright
Comment Extensible 56 top 56 mid 0 bot 58 rep 62 % { - braceleft
Comment Extensible 57 top 57 mid 0 bot 59 rep 62 % } - braceright
Comment Extensible 58 top 56 mid 0 bot 58 rep 62 % lgroup
Comment Extensible 59 top 57 mid 0 bot 59 rep 62 % rgroup
Comment Extensible 60 top 0 mid 0 bot 0 rep 63 % arrowvert
Comment Extensible 61 top 0 mid 0 bot 0 rep 119 % Arrowvert
Comment Extensible 62 top 0 mid 0 bot 0 rep 62 % bracevert
Comment Extensible 63 top 120 mid 0 bot 121 rep 63 % updownarrow
Comment Extensible 64 top 56 mid 0 bot 59 rep 62 % lmustache
Comment Extensible 65 top 57 mid 0 bot 58 rep 62 % rmustache
Comment Extensible 66 top 0 mid 0 bot 0 rep 66 % parenleftexten
Comment Extensible 67 top 0 mid 0 bot 0 rep 67 % parenrightexten
Comment Extensible 116 top 118 mid 0 bot 116 rep 117% radical
Comment Extensible 119 top 126 mid 0 bot 127 rep 119% Updownarrow
Comment Extensible 120 top 120 mid 0 bot 0 rep 63% uparrow
Comment Extensible 121 top 0 mid 0 bot 121 rep 63% downarrow
Comment Extensible 126 top 126 mid 0 bot 0 rep 119% Uparrow
Comment Extensible 127 top 0 mid 0 bot 127 rep 119% Downarrow
StartCharMetrics 129
C 0 ; WX 458.333 ; N parenleftbig ; B 152 -1159 413 40 ;
C 1 ; WX 458.333 ; N parenrightbig ; B 44 -1159 305 40 ;
C 2 ; WX 416.667 ; N bracketleftbig ; B 202 -1159 394 40 ;
C 3 ; WX 416.667 ; N bracketrightbig ; B 22 -1159 214 40 ;
C 4 ; WX 472.222 ; N floorleftbig ; B 202 -1159 449 40 ;
C 5 ; WX 472.222 ; N floorrightbig ; B 22 -1159 269 40 ;
C 6 ; WX 472.222 ; N ceilingleftbig ; B 202 -1159 449 40 ;
C 7 ; WX 472.222 ; N ceingrightbig ; B 22 -1159 269 40 ;
C 8 ; WX 583.333 ; N braceleftbig ; B 113 -1159 469 40 ;
C 9 ; WX 583.333 ; N bracerightbig ; B 113 -1159 469 40 ;
C 10 ; WX 472.222 ; N angbracketleftbig ; B 98 -1160 393 40 ;
C 11 ; WX 472.222 ; N angbracketrightbig ; B 78 -1160 373 40 ;
C 12 ; WX 333.333 ; N vextendsingle ; B 145 -621 188 21 ;
C 13 ; WX 555.556 ; N vextenddouble ; B 145 -621 410 21 ;
Open Source Used In MKS Edge 1.6.0 1.6.0.268 2921
KPX A O -30
KPX A G -30
KPX A C -30

KPX B y -6
KPX B u -20
KPX B r -15
KPX B quoteright -40
KPX B quotedblright -30
KPX B o 6
KPX B l -20
KPX B k -15
KPX B i -12
KPX B h -15
KPX B e 6
KPX B a 12
KPX B W -20
KPX B V -50
KPX B U -50
KPX B T -20

KPX C z -6
KPX C y -18
KPX C u -18
KPX C quotedblright 20
KPX C i -5
KPX C e -6
KPX C a -6

KPX D y 18
KPX D u -10
KPX D quoteright -40
KPX D quotedblright -50
KPX D period -30
KPX D o 6
KPX D i 6
KPX D h -25
KPX D e 6
KPX D comma -20
KPX D a 6
KPX D Y -70
KPX D W -50
KPX D V -60

KPX E z -6
KPX E y -18
KPX E x 5
KPX E w -20
KPX P α -24
KPX P n -12
KPX P l -25
KPX P h -15
KPX P e -24
KPX P comma -220
KPX P a -24
KPX P I -30
KPX P H -30
KPX P E -30
KPX P A -75

KPX Q u -6
KPX Q quoteright -40
KPX Q quotedblright -50
KPX Q a -6
KPX Q Y -70
KPX Q X -12
KPX Q W -35
KPX Q V -60
KPX Q U -35
KPX Q T -36
KPX Q A -18

KPX R y -14
KPX R u -12
KPX R quoteright -30
KPX R quotedblright -20
KPX R o -12
KPX R hyphen -20
KPX R e -12
KPX R Y -50
KPX R W -30
KPX R V -40
KPX R U -40
KPX R T -30
KPX R Q -10
KPX R O -10
KPX R G -10
KPX R C -10
KPX R A -6

KPX S y -30
KPX S w -30
KPX S v -30
KPX S u -18
KPX S t -30
KPX S r -20
KPX space quotedblleft -40
KPX space quotedblbase -30
KPX space Y -70
KPX space W -70
KPX space V -70

KPX t quoteright 10
KPX t quotedblright -10

KPX u quoteright -55
KPX u quotedblright -50

KPX v quoteright -20
KPX v quotedblright -30
KPX v q -6
KPX v period -70
KPX v o -6
KPX v e -6
KPX v d -6
KPX v comma -70
KPX v c -6
KPX v a -6

KPX w quoteright -20
KPX w quotedblright -30
KPX w period -62
KPX w comma -62

KPX x y 12
KPX x w -6
KPX x quoteright -40
KPX x quotedblright -50
KPX x q -6
KPX x o -6
KPX x e -6
KPX x d -6
KPX x c -6

KPX y quoteright -10
KPX y quotedblright -20
KPX y period -70
KPX y emdash 40
KPX y comma -60

KPX z quoteright -40
KPX z quotedblright -50
KPX z o -6
KPX z e -6
KPX A G -30
KPX A C -30

KPX B period -20
KPX B comma -20
KPX B U -10

KPX C period -30
KPX C comma -30

KPX D period -70
KPX D comma -70
KPX D Y -90
KPX D W -40
KPX D V -70
KPX D A -40

KPX F r -45
KPX F period -150
KPX F o -30
KPX F e -30
KPX F comma -150
KPX F a -50
KPX F A -80

KPX J u -20
KPX J period -30
KPX J comma -30
KPX J a -20
KPX J A -20

KPX K y -50
KPX K u -30
KPX K o -40
KPX K e -40
KPX K O -50

KPX L y -30
KPX L quoteright -160
KPX L quotedblright -140
KPX L Y -140
KPX L W -70
KPX L V -110
KPX L T -110

KPX O period -40
KPX O comma -40
KPX O Y -70
KPX O X -60
KPX O W -30
KPX O V -50
KPX O T -40
KPX O A -20
KPX P period -180
KPX P a -50
KPX P e -50
KPX P comma -180
KPX P a -40
KPX P A -120
KPX Q U -10
KPX R Y -50
KPX R W -30
KPX R V -50
KPX R U -40
KPX R T -30
KPX R O -20
KPX S period -20
KPX S comma -20
KPX T y -120
KPX T w -120
KPX T u -120
KPX T semicolon -20
KPX T r -120
KPX T period -120
KPX T o -120
KPX T hyphen -140
KPX T e -120
KPX T comma -120
KPX T colon -20
KPX T a -120
KPX T O -40
KPX T A -120
KPX U period -40
KPX U comma -40
KPX U A -40
KPX V u -70
KPX V semicolon -40
KPX V period -125
KPX V o -80
KPX V hyphen -80
KPX V e -80
KPX V comma -125
KPX V colon -40
KPX V a -70
KPX V O -40
KPX V G -40
KPX V A -80

KPX W y -20
KPX W u -30
KPX W period -80
KPX W o -30
KPX W hyphen -40
KPX W e -30
KPX W comma -80
KPX W a -40
KPX W O -20
KPX W A -50

KPX Y u -110
KPX Y semicolon -60
KPX Y period -140
KPX Y o -140
KPX Y i -20
KPX Y hyphen -140
KPX Y e -140
KPX Y comma -140
KPX Y colon -60
KPX Y a -140
KPX Y O -85
KPX Y A -110

KPX a y -30
KPX a w -20
KPX a v -20

KPX b y -20
KPX b v -20
KPX b u -20
KPX b period -40
KPX b l -20
KPX b comma -40
KPX b b -10

KPX c k -20
KPX c comma -15
KPX colon space -50
KPX comma quotright -100
KPX comma quotdbright -100

KPX e y -20
KPX e x -30
KPX e w -20
KPX e v -30
KPX e period -15
KPX e comma -15

KPX f quotright 50
KPX f quotdbright 60
KPX f period -30
KPX f o -30
KPX f e -30
KPX f dotlessi -28
KPX f comma -30
KPX f a -30

KPX g r -10
KPX h y -30

KPX k o -20
KPX k e -20

KPX m y -15
KPX m u -10

KPX n y -15
KPX n v -20
KPX n u -10

KPX o y -30
KPX o x -30
KPX o w -15
KPX o v -15
KPX o period -40
KPX o comma -40

KPX oslash z -55
KPX oslash y -70
KPX oslash x -85
KPX oslash w -70
KPX oslash v -70
KPX oslash u -55
KPX r n 25
KPX r m 25
KPX r l 15
KPX r k 15
KPX r i 15
KPX r comma -50
KPX r colon 30
KPX r a -10

KPX s w -30
KPX s period -15
KPX s comma -15

KPX semicolon space -50

KPX space quotelleft -60
KPX space quotedblleft -30
KPX space Y -90
KPX space W -40
KPX space V -50
KPX space T -50

KPX v period -80
KPX v o -25
KPX v e -25
KPX v comma -80
KPX v a -25

KPX w period -60
KPX w o -10
KPX w e -10
KPX w comma -60
KPX w a -15

KPX x e -30

KPX y period -100
KPX y o -20
KPX y e -20
KPX y comma -100
KPX y a -20

KPX z o -15
KPX z e -15
EndKernPairs
EndKernData
StartComposites 58
CC Aacute 2 ; PCC A 0 0 ; PCC acute 167 195 ;
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=============

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#
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#
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# License along with this library; if not, write to the Free Software
# Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA  02110-1301  USA

StartFontMetrics 2.0
Comment Creation Date: Tue Mar 20 12:17:14 1990
Comment UniqueID 28417
Comment VMusage 30458 37350
FontName Times-Bold
FullName Times Bold
FamilyName Times
Weight Bold
ItalicAngle 0
IsFixedPitch false
FontBBox -168 -218 1000 935
UnderlinePosition -100
UnderlineThickness 50
Version 001.007
Notice Copyright (c) 1985, 1987, 1989, 1990 Adobe Systems Incorporated.  All Rights Reserved.Times is a
trademark of Linotype AG and/or its subsidiaries.
EncodingScheme AdobeStandardEncoding
CapHeight 676
XHeight 461
Ascender 676
Descender -205
StartCharMetrics 228
C 32 ; WX 250 ; N space ; B 0 0 0 0 ;
C 33 ; WX 333 ; N exclam ; B 81 -13 251 691 ;
C 34 ; WX 555 ; N quotal ; B 83 404 472 691 ;
C 35 ; WX 500 ; N numbersign ; B 4 0 496 700 ;
C 36 ; WX 500 ; N dollar ; B 29 -99 472 750 ;
C 37 ; WX 1000 ; N percent ; B 124 -14 877 692 ;
C 38 ; WX 833 ; N ampersand ; B 62 -16 787 691 ;
C 39 ; WX 333 ; N quoteright ; B 79 356 263 691 ;
C 40 ; WX 333 ; N parenleft ; B 46 -168 306 694 ;
C 41 ; WX 333 ; N parenright ; B 27 -168 287 694 ;
C 42 ; WX 500 ; N asterisk ; B 56 255 447 691 ;
Open Source Used In MKS Edge 1.6.0

1.6.0.268  2967

Winkler Technologies Inc.
C -1 ; WX 570 ; N logicalnot ; B 33 108 537 399 ;
C -1 ; WX 722 ; N Aring ; B 9 0 689 935 ;
C -1 ; WX 278 ; N idieresis ; B -36 0 301 667 ;
C -1 ; WX 278 ; N iacute ; B 16 0 290 713 ;
C -1 ; WX 500 ; N aacute ; B 25 -14 488 713 ;
C -1 ; WX 570 ; N plusminus ; B 33 0 537 506 ;
C -1 ; WX 570 ; N multiply ; B 48 16 522 490 ;
C -1 ; WX 722 ; N Uudieresis ; B 16 -19 701 877 ;
C -1 ; WX 570 ; N minus ; B 33 209 537 297 ;
C -1 ; WX 300 ; N onesuperior ; B 28 275 273 688 ;
C -1 ; WX 667 ; N Eacute ; B 16 0 641 923 ;
C -1 ; WX 722 ; N Acircumflex ; B 9 0 689 914 ;
C -1 ; WX 747 ; N copyright ; B 26 -19 721 691 ;
C -1 ; WX 722 ; N Agrave ; B 9 0 689 923 ;
C -1 ; WX 500 ; N odieresis ; B 25 -14 476 667 ;
C -1 ; WX 500 ; N oacute ; B 25 -14 476 688 ;
C -1 ; WX 500 ; N degree ; B 5 402 343 688 ;
C -1 ; WX 278 ; N igrave ; B -26 0 255 713 ;
C -1 ; WX 556 ; N mu ; B 33 -206 536 461 ;
C -1 ; WX 778 ; N Oacute ; B 35 -19 743 923 ;
C -1 ; WX 500 ; N eth ; B 25 -14 476 691 ;
C -1 ; WX 722 ; N Adieresis ; B 9 0 689 877 ;
C -1 ; WX 722 ; N Yacute ; B 15 0 699 928 ;
C -1 ; WX 220 ; N brokenbar ; B 66 -19 154 691 ;
C -1 ; WX 750 ; N onehalf ; B -7 -12 775 688 ;

EndCharMetrics
StartKernData
StartKernPairs 283

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KPX A v -100
KPX A u -50
KPX A quoteright -74
KPX A quotedblright 0
KPX A p -25
KPX A Y -100
KPX A W -130
KPX A V -145
KPX A U -50
KPX A T -95
KPX A Q -45
KPX A O -45
KPX A G -55
KPX A C -55

KPX B period 0
KPX B comma 0
KPX O period 0
KPX O comma 0
KPX O Y -50
KPX O X -40
KPX O W -50
KPX O V -50
KPX O T -40
KPX O A -40

KPX P period -110
KPX P α -20
KPX P e -20
KPX P comma -92
KPX P a -10
KPX P A -74

KPX Q period -20
KPX Q comma 0
KPX Q U -10

KPX R Y -35
KPX R W -35
KPX R V -55
KPX R U -30
KPX R T -40
KPX R O -30

KPX S period 0
KPX S comma 0

KPX T y -74
KPX T w -74
KPX T u -92
KPX T semicolon -74
KPX T r -74
KPX T period -90
KPX T o -92
KPX T i -18
KPX T hyphen -92
KPX T h 0
KPX T e -92
KPX T comma -74
KPX T colon -74
KPX T a -92
KPX T O -18
KPX T A -90

KPX U period -50
KPX U comma -50
KPX U A -60

KPX V u -92
KPX V semicolon -92
KPX V period -145
KPX V o -100
KPX V i -37
KPX V hyphen -74
KPX V e -100
KPX V comma -129
KPX V colon -92
KPX V a -92
KPX V O -45
KPX V G -30
KPX V A -135

KPX W y -60
KPX W u -50
KPX W semicolon -55
KPX W period -92
KPX W o -75
KPX W i -18
KPX W hyphen -37
KPX W h 0
KPX W e -65
KPX W comma -92
KPX W colon -55
KPX W a -65
KPX W O -10
KPX W A -120

KPX Y u -92
KPX Y semicolon -92
KPX Y period -92
KPX Y o -111
KPX Y i -37
KPX Y hyphen -92
KPX Y e -111
KPX Y comma -92
KPX Y colon -92
KPX Y a -85
KPX Y O -35
KPX Y A -110

KPX a y 0
KPX a w 0
KPX a v -25
KPX a t 0
KPX a p 0
KPX a g 0
KPX a b 0

KPX b y 0
KPX b v -15
KPX b u -20
KPX b period -40
KPX b l 0
KPX b comma 0
KPX b b -10

KPX c y 0
KPX c period 0
KPX c l 0
KPX c k 0
KPX c h 0
KPX c comma 0
KPX colon space 0

KPX comma space 0
KPX comma quoteright -55
KPX comma quotedblright -45

KPX d y 0
KPX d w -15
KPX d v 0
KPX d period 0
KPX d d 0
KPX d comma 0

KPX e y 0
KPX e x 0
KPX e w 0
KPX e v -15
KPX e period 0
KPX e p 0
KPX e g 0
KPX e comma 0
KPX e b 0

KPX f quoteright 55
KPX f quotedblright 50
KPX f period -15
KPX f o -25
KPX f l 0
# Seaborn common parameters
# .15 = dark_gray
# .8 = light_gray
figure.facecolor: white
text.color: .15
axes.labelcolor: .15
legend.frameon: False
legend.numpoints: 1
legend.scatterpoints: 1
xtick.direction: out
ytick.direction: out
xtick.color: .15
ytick.color: .15
axes.axisbelow: True
image.cmap: Greys
font.family: sans-serif
font.sans-serif: Arial, Liberation Sans, DejaVu Sans, Bitstream Vera Sans, sans-serif
grid.linestyle: -
lines.solid_capstyle: round

# Seaborn white parameters
axes.grid: False
axes.facecolor: white
axes.edgecolor: .15
axes.linewidth: 1.25
grid.color: .8
xtick.major.size: 6
xtick.major.size: 6
xtick.minor.size: 3
xtick.minor.size: 3

# Seaborn deep palette
axes.prop_cycle: cycler('color', ['4C72B0', '55A868', 'C44E52', '8172B2', 'CCB974', '64B5CD'])
patch.facecolor: 4C72B0

StartFontMetrics 2.0
Comment Copyright (c) 1989, 1990, 1991, Adobe Systems Incorporated. All rights reserved.
Comment Creation Date: Tue Sep 17 14:13:24 1991
Comment UniqueID 36389
Comment VMusage 10055 54684
FontName Courier-BoldOblique
FullName Courier Bold Oblique
FamilyName Courier
Weight Bold
ItalicAngle -12
IsFixedPitch true
FontBBox -56 -250 868 801
UnderlinePosition -100
UnderlineThickness 50
Version 002.004
Notice Copyright (c) 1989, 1990, 1991, Adobe Systems Incorporated. All rights reserved.
EncodingScheme AdobeStandardEncoding
CapHeight 562
XHeight 439
Ascender 626
Descender -142
StartCharMetrics 260
C 32 ; WX 600 ; N space ; B 0 0 0 0 ;
C 33 ; WX 600 ; N exclam ; B 216 -15 495 572 ;
This is the sample data needed for some of matplotlib's examples and docs. See matplotlib.cbook.get_sample_data for more info.

```
StartFontMetrics 2.0
Comment Copyright (c) 1985, 1987, 1989, 1990 Adobe Systems Incorporated. All rights reserved.
Comment Creation Date: Thu Mar 15 10:24:18 1990
Comment UniqueID 28362
Comment VMusage 7572 42473
FontName Helvetica-Oblique
FullName Helvetica Oblique
FamilyName Helvetica
Weight Medium
ItalicAngle -12
IsFixedPitch false
FontBBox -170 -225 1116 931
UnderlinePosition -100
UnderlineThickness 50
```
Open Source Used In MKS Edge 1.6.0 1.6.0.268 2988
KPX A y -40  
KPX A w -40  
KPX A v -40  
KPX A u -30  
KPX A Y -100  
KPX A W -50  
KPX A V -70  
KPX A U -50  
KPX A T -120  
KPX A Q -30  
KPX A O -30  
KPX A G -30  
KPX A C -30  

KPX B period -20  
KPX B comma -20  
KPX B U -10  

KPX C period -30  
KPX C comma -30  

KPX D period -70  
KPX D comma -70  
KPX D Y -90  
KPX D W -40  
KPX D V -70  
KPX D A -40  

KPX F r -45  
KPX F period -150  
KPX F o -30  
KPX F e -30  
KPX F comma -150  
KPX F a -50  
KPX F A -80  

KPX J u -20  
KPX J period -30  
KPX J comma -30  
KPX J a -20  
KPX J A -20  

KPX K y -50  
KPX K u -30  
KPX K o -40  
KPX K e -40  
KPX K O -50
KPX y period -100
KPX y o -20
KPX y e -20
KPX y comma -100
KPX y a -20
KPX z o -15
KPX z e -15
EndKernPairs
EndKernData
StartComposites 58
CC Aacute 2 ; PCC A 0 0 ; PCC acute 208 195 ;
CC Acircumflex 2 ; PCC A 0 0 ; PCC circumflex 208 195 ;
CC Adieresis 2 ; PCC A 0 0 ; PCC dieresis 208 195 ;
CC Agrave 2 ; PCC A 0 0 ; PCC grave 208 195 ;
CC Aring 2 ; PCC A 0 0 ; PCC ring 204 175 ;
CC Atilde 2 ; PCC A 0 0 ; PCC tilde 208 195 ;
CC Ccedilla 2 ; PCC C 0 0 ; PCC cedilla 195 0 ;
CC Eacute 2 ; PCC E 0 0 ; PCC acute 208 195 ;
CC Ecircumflex 2 ; PCC E 0 0 ; PCC circumflex 208 195 ;
CC Edieresis 2 ; PCC E 0 0 ; PCC dieresis 208 195 ;
CC Egrave 2 ; PCC E 0 0 ; PCC grave 208 195 ;
CC Iacute 2 ; PCC I 0 0 ; PCC acute 14 195 ;
CC Icircumflex 2 ; PCC I 0 0 ; PCC circumflex 14 195 ;
CC Idieresis 2 ; PCC I 0 0 ; PCC dieresis 14 195 ;
CC Igrave 2 ; PCC I 0 0 ; PCC grave 14 195 ;
CC Ntilde 2 ; PCC N 0 0 ; PCC tilde 246 195 ;
CC Oacute 2 ; PCC O 0 0 ; PCC acute 264 195 ;
CC Ocircumflex 2 ; PCC O 0 0 ; PCC circumflex 264 195 ;
CC Odieresis 2 ; PCC O 0 0 ; PCC dieresis 264 195 ;
CC Ograve 2 ; PCC O 0 0 ; PCC grave 264 195 ;
CC Otilde 2 ; PCC O 0 0 ; PCC tilde 264 195 ;
CC Scaron 2 ; PCC S 0 0 ; PCC caron 208 195 ;
CC Uacute 2 ; PCC U 0 0 ; PCC acute 236 195 ;
CC Ucircumflex 2 ; PCC U 0 0 ; PCC circumflex 236 195 ;
CC Udieresis 2 ; PCC U 0 0 ; PCC dieresis 236 195 ;
CC Ugrave 2 ; PCC U 0 0 ; PCC grave 236 195 ;
CC Yacute 2 ; PCC Y 0 0 ; PCC acute 208 195 ;
CC Ydieresis 2 ; PCC Y 0 0 ; PCC dieresis 208 195 ;
CC Zcaron 2 ; PCC Z 0 0 ; PCC caron 180 195 ;
CC aacute 2 ; PCC a 0 0 ; PCC acute 112 0 ;
CC acircumflex 2 ; PCC a 0 0 ; PCC circumflex 112 0 ;
CC adieresis 2 ; PCC a 0 0 ; PCC dieresis 112 0 ;
CC agrave 2 ; PCC a 0 0 ; PCC grave 112 0 ;
CC aring 2 ; PCC a 0 0 ; PCC ring 112 0 ;
CC atilde 2 ; PCC a 0 0 ; PCC tilde 102 0 ;
CC ccedilla 2 ; PCC c 0 0 ; PCC cedilla 84 0 ;
CC eacute 2 ; PCC e 0 0 ; PCC acute 112 0 ;
KPX Fa -48
KPX FA -60

KPX Gy -12
KPX Gu -12
KPX Gr -18
KPX G quotedblright -20
KPX Gn -18
KPX GI -6
KPX Gi -12
KPX Gh -12
KPX Ga -12

KPX Hy -24
KPX Hu -26
KPX Ho -30
KPX Hi -18
KPX He -30
KPX Ha -25

KPX Iz -6
KPX Iy -6
KPX Ix -6
KPX Iw -18
KPX Iv -24
KPX Iu -26
KPX It -24
KPX Is -18
KPX Ir -12
KPX Ip -26
KPX Io -30
KPX In -18
KPX Im -18
KPX Il -6
KPX Ik -6
KPX Ih -6
KPX Ig -6
KPX If -6
KPX Ie -30
KPX Id -30
KPX Ic -30
KPX Ib -6
KPX Ia -24

KPX Jy -20
KPX Ju -36
KPX Jo -35
KPX Ji -20
KPX P 1 -15
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KPX P hyphen -30
KPX P h -15
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KPX P comma -200
KPX P a -36
KPX P I -20
KPX P H -20
KPX P E -20
KPX P A -85

KPX Q u -6
KPX Q a -18
KPX Q Y -50
KPX Q X -40
KPX Q W -35
KPX Q V -35
KPX Q U -25
KPX Q T -40
KPX Q A -30

KPX R y -20
KPX R u -12
KPX R t -25
KPX R quoteright -10
KPX R quotedblright -10
KPX R o -12
KPX R e -18
KPX R a -6
KPX R Y -32
KPX R X 20
KPX R W -18
KPX R V -26
KPX R U -30
KPX R T -20
KPX R Q -10
KPX R O -10
KPX R G -10
KPX R C -10

KPX S y -35
KPX S w -30
KPX S v -40
KPX S u -24
KPX S t -24
KPX S r -10
KPX S quoteright -15
KPX Y emdash -50
KPX Y e -90
KPX Y d -90
KPX Y comma -90
KPX Y colon -60
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KPX Y braceright 64
KPX Y a -80
KPX Y Y 12
KPX Y X 12
KPX Y W 12
KPX Y V 12
KPX Y T 30
KPX Y Q -40
KPX Y O -40
KPX Y G -40
KPX Y C -40
KPX Y A -55

KPX Z y -36
KPX Z w -36
KPX Z u -6
KPX Z o -12
KPX Z i -12
KPX Z e -6
KPX Z a -6
KPX Z Q -18
KPX Z O -18
KPX Z G -18
KPX Z C -18
KPX Z A 25

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KPX e quotedblright -20

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KPX f quoterright 68
KPX f quotedblright 68
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KPX f parenright 110
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KPX f braceright 80

KPX g y 20
KPX g p 20
KPX g f 20
KPX g comma 10

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KP X x d -12
KP X x c -12

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KP X z o -6
KP X z e -6
KP X z d -6
KP X z c -6
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EndKernData
EndFontMetrics

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  <property name="resizable">True</property>
  <property name="destroy_with_parent">False</property>
  <property name="decorated">True</property>
  <property name="skip_taskbar_hint">False</property>
  <property name="skip_pager_hint">False</property>
  <property name="type_hint">GDK_WINDOW_TYPE_HINT_DIALOG</property>
  <property name="gravity">GDK_GRAVITY_NORTH_WEST</property>
  <property name="has_separator">True</property>

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  <widget class="GtkVBox" id="dialog-vbox2">
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    <property name="spacing">0</property>

    <child internal-child="action_area">


</child>
</widget>
</dialog_lineprops>
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KPX D A -40

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KPX comma quotedblright -120
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E-Mail: bakoma@mail.ru
ormalyshev@mail.ihep.ru
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Notice Copyright (c) 1985, 1987, 1989, 1990 Adobe Systems Incorporated. All Rights Reserved. Palatino is a trademark of Linotype AG and/or its subsidiaries.
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KPX rcommaaccent comma -50
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KPX rcommaaccent n 25
KPX rcommaaccent nacute 25
KPX rcommaaccent ncaron 25
KPX rcommaaccent ncommaaccent 25
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Open Source Used In MKS Edge 1.6.0 1.6.0.268 3239
KPX ydieresis eogonek -20
KPX ydieresis o -20
KPX ydieresis oacute -20
KPX ydieresis ocircumflex -20
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KPX ydieresis ograve -20
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KPX zcaron e -15
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BSD-style license for gist/yorick colormaps.

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AUTHOR

David H. Munro wrote Yorick and Gist. Berkeley Yacc (byacc) generated the Yorick parser. The routines in Math are from LAPACK and FFTPACK; MathC contains C translations by David H. Munro. The algorithms for Yorick's random number generator and several special functions in Yorick/include were taken from Numerical Recipes by Press, et. al., although the Yorick implementations are unrelated to those in Numerical Recipes. A small amount of code in Gist was adapted from the X11R4 release, copyright M.I.T. -- the complete copyright notice may be found in the (unused) file Gist/host.c.

StartFontMetrics 2.0
Comment Copyright (c) 1985, 1987, 1989, 1990 Adobe Systems Incorporated. All Rights Reserved. Comment Creation Date: Thu Mar 15 12:08:57 1990 Comment UniqueID 28407 Comment VMusage 7614 43068 FontName Helvetica-Narrow-BoldOblique
Open Source Used In MKS Edge 1.6.0 1.6.0.268 3250
C -1 ; WX 501 ; N eth ; B 67 -14 549 737 ;
C -1 ; WX 592 ; N Adieresis ; B 16 0 588 915 ;
C -1 ; WX 547 ; N Yacute ; B 137 0 661 936 ;
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C -1 ; WX 684 ; N onehalf ; B 108 -19 704 710 ;
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StartKernPairs 209

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KPX B A -30

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CC Adieresis 2 ; PCC A 0 0 ; PCC dieresis 192 186 ;
CC Agrave 2 ; PCC A 0 0 ; PCC grave 192 186 ;
CC Aring 2 ; PCC A 0 0 ; PCC ring 192 186 ;
CC Atilde 2 ; PCC A 0 0 ; PCC tilde 192 186 ;
CC Ccedilla 2 ; PCC C 0 0 ; PCC cedilla 176 0 ;
CC Eacute 2 ; PCC E 0 0 ; PCC acute 169 186 ;
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CC Igrave 2 ; PCC I 0 0 ; PCC grave 10 186 ;
CC Ntilde 2 ; PCC N 0 0 ; PCC tilde 192 186 ;
CC Oacute 2 ; PCC O 0 0 ; PCC acute 215 186 ;
CC Ocircumflex 2 ; PCC O 0 0 ; PCC circumflex 215 186 ;
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CC Ograve 2 ; PCC O 0 0 ; PCC grave 215 186 ;
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CC Uacute 2 ; PCC U 0 0 ; PCC acute 192 186 ;
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# a small set of changes that will make your plotting FAST (1).
#
# (1) in some cases

# Maximally simplify lines.
path.simplify: True
path.simplify_threshold: 1.0

# chunk up large lines into smaller lines!
# simple trick to avoid those pesky O(n) algorithms!
agg.path.chunksize: 10000

### Classic matplotlib plotting style as of v1.5
### LINES
# See http://matplotlib.org/api/artist_api.html#module-matplotlib.lines for more
# information on line properties.
lines.linewidth : 1.0  # line width in points
lines.linestyle : -  # solid line
lines.color : b  # has no affect on plot(); see axes.prop_cycle
lines.marker : None  # the default marker
lines.markeredgewidth : 0.5  # the line width around the marker symbol
lines.markersize : 6  # markersize, in points
lines.dash_joinstyle : round  # miter|round|bevel
lines.dash_capstyle : butt  # butt|round|projecting
lines.solid_joinstyle : round  # miter|round|bevel
lines.solid_capstyle : projecting  # butt|round|projecting
lines.antialiased : True  # render lines in antialiased (no jaggies)
lines.dashed_pattern : 6, 6
lines.dashdot_pattern : 3, 5, 1, 5
lines.dotted_pattern : 1, 3
lines.scale_dashes: False

### Marker props
markers.fillstyle: full

### PATCHES
# Patches are graphical objects that fill 2D space, like polygons or
# circles. See
# http://matplotlib.org/api/artist_api.html#module-matplotlib.patches
# information on patch properties
patch.linewidth : 1.0  # edge width in points
patch.facecolor : b
patch.force_edgecolor : True
patch.edgecolor : k
patch.antialiased : True  # render patches in antialiased (no jaggies)
hatch.color : k
hatch.linewidth : 1.0

### FONT
#
# font properties used by text.Text. See
# http://matplotlib.org/api/font_manager_api.html for more
# information on font properties. The 6 font properties used for font
# matching are given below with their default values.
#
# The font.family property has five values: 'serif' (e.g., Times),
# 'sans-serif' (e.g., Helvetica), 'cursive' (e.g., Zapf-Chancery),
# 'fantasy' (e.g., Western), and 'monospace' (e.g., Courier). Each of
# these font families has a default list of font names in decreasing
# order of priority associated with them. When text.usetex is False,
# font.family may also be one or more concrete font names.
#
# The font.style property has three values: normal (or roman), italic
# or oblique. The oblique style will be used for italic, if it is not
# present.
#
# The font.variant property has two values: normal or small-caps. For
# TrueType fonts, which are scalable fonts, small-caps is equivalent
# to using a font size of ‘smaller’, or about 83% of the current font
# size.
#
# The font.weight property has effectively 13 values: normal, bold,
# bolder, lighter, 100, 200, 300, ..., 900. Normal is the same as
# 400, and bold is 700. bolder and lighter are relative values with
# respect to the current weight.
#
# The font.stretch property has 11 values: ultra-condensed,
# extra-condensed, condensed, semi-condensed, normal, semi-expanded,
# expanded, extra-expanded, ultra-expanded, wider, and narrower. This
# property is not currently implemented.
#
# The font.size property is the default font size for text, given in pts.
# 12pt is the standard value.
#
font.family         : sans-serif
font.style          : normal
font.variant        : normal
font.weight         : normal
font.stretch        : normal

# note that font.size controls default text sizes. To configure
# special text sizes tick labels, axes, labels, title, etc, see the rc
# settings for axes and ticks. Special text sizes can be defined
# relative to font.size, using the following values: xx-small, x-small,
# small, medium, large, x-large, xx-large, larger, or smaller
font.size           : 12.0
font.serif          : DejaVu Serif, New Century Schoolbook, Century Schoolbook L, Utopia, ITC Bookman, Bookman,
Nimbus Roman No9 L, Times New Roman, Times, Palatino, Charter, serif
font.sans-serif     : DejaVu Sans, Lucida Grande, Verdana, Geneva, Lucid, Arial, Helvetica, Avant Garde, sans-serif
font.cursive        : Apple Chancery, Textile, Zapf Chancery, Sand, Script MT, Felipa, cursive
font.fantasy        : Comic Sans MS, Chicago, Charcoal, ImpactWestern, Humor Sans, fantasy
font.monospace       : DejaVu Sans Mono, Andale Mono, Nimbus Mono L, Courier New, Courier, Fixed, Terminal,
monospace

### TEXT
# text properties used by text.Text. See
# http://matplotlib.org/api/artist_api.html#module-matplotlib.text for more
# information on text properties

text.color : k

### LaTeX customizations. See http://www.scipy.org/Wiki/Cookbook/Matplotlib/UsingTex

text.usetex : False # use latex for all text handling. The following fonts
# are supported through the usual rc parameter settings:
# new century schoolbook, bookman, times, palatino,
# zapf chancery, charter, serif, sans-serif, helvetica,
# avant garde, courier, monospace, computer modern roman,
# computer modern sans serif, computer modern typewriter
# If another font is desired which can loaded using the
# LaTeX \usepackage command, please inquire at the
# matplotlib mailing list

text.latex.unicode : False # use "ucs" and "inputenc" LaTeX packages for handling
# unicode strings.

text.latex.preamble : # IMPROPER USE OF THIS FEATURE WILL LEAD TO LATEX FAILURES
# AND IS THEREFORE UNSUPPORTED. PLEASE DO NOT ASK FOR HELP
# IF THIS FEATURE DOES NOT DO WHAT YOU EXPECT IT TO.
# preamble is a comma separated list of LaTeX statements
# that are included in the LaTeX document preamble.
# An example:
# text.latex.preamble : \usepackage{bm},\usepackage{euler}
# The following packages are always loaded with usetex, so
# beware of package collisions: color, geometry, graphicx,
# type1cm, textcomp. Adobe Postscript (PSSNFS) font packages
# may also be loaded, depending on your font settings

text.latex.preview : False

text.hinting : auto # May be one of the following:
# 'none': Perform no hinting
# 'auto': Use freetype's autohinter
# 'native': Use the hinting information in the
#   font file, if available, and if your
#   freetype library supports it
# 'either': Use the native hinting information,
#   or the autohinter if none is available.
# For backward compatibility, this value may also be
# True === 'auto' or False === 'none'.

text.hinting_factor : 8 # Specifies the amount of softness for hinting in the
#   horizontal direction. A value of 1 will hint to full
#   pixels. A value of 2 will hint to half pixels etc.

text.antialiased : True # If True (default), the text will antialiased.
# This only affects the Agg backend.

# The following settings allow you to select the fonts in math mode.
# They map from a TeX font name to a fontconfig font pattern.
# These settings are only used if mathtext.fontset is 'custom'.
# Note that this "custom" mode is unsupported and may go away in the
# future.
mathtext.cal : cursive
mathtext.rm : serif
mathtext.tt : monospace
mathtext.it : serif:italic
mathtext.bf : serif:bold
mathtext.sf : sans-serif
mathtext.fontset : cm # Should be 'cm' (Computer Modern), 'stix',
                   # 'stixsans' or 'custom'
mathtext.fallback_to_cm : True # When True, use symbols from the Computer Modern
                          # fonts when a symbol can not be found in one of
                          # the custom math fonts.

mathtext.default : it # The default font to use for math.
                   # Can be any of the LaTeX font names, including
                   # the special name "regular" for the same font
                   # used in regular text.

### AXES
# default face and edge color, default tick sizes,
# default fontsizes for ticklabels, and so on. See
# http://matplotlib.org/api/axes_api.html#module-matplotlib.axes
axes.facecolor : w       # axes background color
axes.edgecolor : k       # axes edge color
axes.linewidth : 1.0     # edge linewidth
axes.grid : False       # display grid or not
axes.grid.which : major  # display grid or not
axes.grid.axis : both   # display grid or not
axes.titlesize : large  # fontsize of the axes title
axes.titlepad : 5.0     # pad between axes and title in points
axes.titleweight : normal # font weight for axes title
axes.labelsize : medium  # fontsize of the x any y labels
axes.labelpad : 5.0     # space between label and axis
axes.labelweight : normal # weight of the x and y labels
axes.labelcolor : k     # axes.backround.color
axes.axisbelow : False   # whether axis gridlines and ticks are below
                        # the axes elements (lines, text, etc)

axes.formatter.limits : -7, 7 # use scientific notation if log10
                        # of the axis range is smaller than the
                        # first or larger than the second
axes.formatter.use_locale : False # When True, format tick labels
                               # according to the user's locale.
                               # For example, use ‘,’ as a decimal
                               # separator in the fr_FR locale.
axes.formatter.use_mathtext : False # When True, use mathtext for scientific
# notation.

axes.formatter.useoffset : True  # If True, the tick label formatter
  # will default to labeling ticks relative
  # to an offset when the data range is very
  # small compared to the minimum absolute
  # value of the data.

axes.formatter.offset_threshold : 2  # When useoffset is True, the offset
  # will be used when it can remove
  # at least this number of significant
  # digits from tick labels.

axes.unicode_minus : True  # use unicode for the minus symbol
  # rather than hyphen. See
  # http://en.wikipedia.org/wiki/Plus_and_minus_signs#Character_codes

axes.prop_cycle : cycler('color', 'bgrcmyk')
  # color cycle for plot lines
  # as list of string colorspecs:
  # single letter, long name, or
  # web-style hex

axes.autolimit_mode : round_numbers

axes.xmargin : 0  # x margin. See `axes.Axes.margins`
axes.ymargin : 0  # y margin See `axes.Axes.margins`

axes.spines.bottom : True
axes.spines.left : True
axes.spines.right : True
axes.spines.top : True

polaraxes.grid : True  # display grid on polar axes
axes3d.grid : True  # display grid on 3d axes

date.autoformatter.year : %Y

date.autoformatter.month : %b %Y

date.autoformatter.day : %b %d %Y

date.autoformatter.hour : %H:%M:%S

date.autoformatter.minute : %H:%M:%S.%f

date.autoformatter.second : %H:%M:%S.%f

date.autoformatter.microsecond : %H:%M:%S.%f

### TICKS
# see http://matplotlib.org/api/axis_api.html#matplotlib.axis.Tick

xtick.top : True  # draw ticks on the top side
xtick.bottom : True  # draw ticks on the bottom side
xtick.major.size : 4  # major tick size in points
xtick.minor.size : 2  # minor tick size in points
xtick.minor.visible : False
xtick.major.width : 0.5  # major tick width in points
xtick.minor.width : 0.5  # minor tick width in points
xtick.major.pad : 4  # distance to major tick label in points
xtick.minor.pad  : 4    # distance to the minor tick label in points
xtick.color     : k     # color of the tick labels
xtick.labelsize : medium # fontsize of the tick labels
xtick.direction : in    # direction: in, out, or inout
xtick.major.top : True  # draw x axis top major ticks
xtick.major.bottom : True # draw x axis bottom major ticks
xtick.minor.top : True  # draw x axis top minor ticks
xtick.minor.bottom : True # draw x axis bottom minor ticks

ytick.left      : True  # draw ticks on the left side
ytick.right     : True  # draw ticks on the right side
ytick.major.size: 4     # major tick size in points
ytick.minor.size: 2     # minor tick size in points
ytick.minor.visible : False
ytick.major.width : 0.5  # major tick width in points
ytick.minor.width : 0.5  # minor tick width in points
ytick.major.pad : 4     # distance to major tick label in points
ytick.minor.pad : 4     # distance to the minor tick label in points
ytick.color     : k     # color of the tick labels
ytick.labelsize : medium # fontsize of the tick labels
ytick.direction : in    # direction: in, out, or inout
ytick.major.left : True  # draw y axis left major ticks
ytick.major.right : True # draw y axis right major ticks
ytick.minor.left : True  # draw y axis left minor ticks
ytick.minor.right : True # draw y axis right minor ticks

### GRIDS
grid.color      : k     # grid color
grid.linestyle  : :     # dotted
grid.linewidth  : 0.5   # in points
grid.alpha      : 1.0   # transparency, between 0.0 and 1.0

### Legend
legend.fancybox : False # if True, use a rounded box for the
# legend, else a rectangle
legend.loc      : upper right
legend.numpoints: 2    # the number of points in the legend line
legend.fontsize : large
legend.borderpad: 0.4   # border whitespace in fontsize units
legend.markerscale: 1.0  # the relative size of legend markers vs. original
# the following dimensions are in axes coords
legend.labelspacing : 0.5  # the vertical space between the legend entries in fraction of fontsize
legend.handlelength : 2.0  # the length of the legend lines in fraction of fontsize
legend.handleheight: 0.7  # the height of the legend handle in fraction of fontsize
legend.handletextpad : 0.8 # the space between the legend line and legend text in fraction of fontsize
legend.borderaxespad : 0.5 # the border between the axes and legend edge in fraction of fontsize
legend.columnspacing : 2.0  # the border between the axes and legend edge in fraction of fontsize
legend.shadow    : False
legend.frameon : True  # whether or not to draw a frame around legend
legend.framealpha : None    # opacity of legend frame
legend.scatterpoints : 3  # number of scatter points
legend.facecolor     : inherit   # legend background color (when 'inherit' uses axes.facecolor)
legend.edgecolor     : inherit   # legend edge color (when 'inherit' uses axes.edgecolor)

### FIGURE
# See http://matplotlib.org/api/figure_api.html#matplotlib.figure.Figure
figure.titlesize : medium     # size of the figure title
figure.titleweight : normal   # weight of the figure title
figure.figsize   : 8, 6    # figure size in inches
figure.dpi       : 80      # figure dots per inch
figure.facecolor : 0.75    # figure facecolor; 0.75 is scalar gray
figure.edgecolor : w       # figure edgecolor
figure.autolayout : False  # When True, automatically adjust subplot
    # parameters to make the plot fit the figure
figure.frameon : True

# The figure subplot parameters. All dimensions are a fraction of the
# figure width or height
figure.subplot.left    : 0.125  # the left side of the subplots of the figure
figure.subplot.right   : 0.9    # the right side of the subplots of the figure
figure.subplot.bottom  : 0.1    # the bottom of the subplots of the figure
figure.subplot.top     : 0.9    # the top of the subplots of the figure
figure.subplot.wspace  : 0.2    # the amount of width reserved for blank space between subplots,
    # expressed as a fraction of the average axis width
figure.subplot.hspace  : 0.2    # the amount of height reserved for white space between subplots,
    # expressed as a fraction of the average axis height

### IMAGES
image.aspect : equal             # equal | auto | a number
image.interpolation  : bilinear  # see help(imshow) for options
image.cmap   : jet               # gray | jet etc...
image.lut    : 256               # the size of the colormap lookup table
image.origin : upper             # lower | upper
image.resample : False
image.composite_image : True

### CONTOUR PLOTS
contour.negative_linestyle : dashed # dashed | solid
contour.corner_mask : True

# errorbar props
errorbar.capsize: 3

# scatter props
scatter.marker: o

### Boxplots
boxplot.bootstrap: None
boxplot.boxprops.color: b
boxplot.boxprops.linestyle: -
boxplot.boxprops.linewidth: 1.0
boxplot.capprops.color: k
boxplot.capprops.linestyle: -
boxplot.capprops.linewidth: 1.0
boxplot.flierprops.color: b
boxplot.flierprops.linestyle: none
boxplot.flierprops.linewidth: 1.0
boxplot.flierprops.marker: +
boxplot.flierprops.markeredgcolor: k
boxplot.flierprops.markercolorface: auto
boxplot.meanline: False
boxplot.meanprops.color: r
boxplot.meanprops.linestyle: -
boxplot.meanprops.linewidth: 1.0
boxplot.medianprops.color: r
boxplot.medianprops.marker: s
boxplot.medianprops.markeredgcolor: r
boxplot.medianprops.markercolorface: auto
boxplot.medianprops.markersize: 6.0
boxplot.medianprops.linestyle: -
boxplot.medianprops.linewidth: 1.0
boxplot.notch: False
boxplot.patchartist: False
boxplot.showbox: True
boxplot.showcaps: True
boxplot.showfliers: True
boxplot.showmeans: False
boxplot.vertical: True
boxplot.whiskerprops.color: b
boxplot.whiskerprops.linestyle: --
boxplot.whiskerprops.linewidth: 1.0
boxplot.whiskers: 1.5

### Agg rendering
### Warning: experimental, 2008/10/10
agg.path.chunksize : 0  # 0 to disable; values in the range
# 10000 to 100000 can improve speed slightly
# and prevent an Agg rendering failure
# when plotting very large data sets,
# especially if they are very gappy.
# It may cause minor artefacts, though.
A value of 20000 is probably a good starting point.

### SAVING FIGURES

path.simplify : True  # When True, simplify paths by removing "invisible" points to reduce file size and increase rendering speed

path.simplify_threshold : 0.1111111111111111
  # The threshold of similarity below which vertices will be removed in the simplification process

path.snap : True  # When True, rectilinear axis-aligned paths will be snapped to the nearest pixel when certain criteria are met. When False, paths will never be snapped.

path.sketch : None  # May be none, or a 3-tuple of the form (scale, length, randomness).
  # *scale* is the amplitude of the wiggle perpendicular to the line (in pixels). *length* is the length of the wiggle along the line (in pixels). *randomness* is the factor by which the length is randomly scaled.

# the default savefig params can be different from the display params
# e.g., you may want a higher resolution, or to make the figure background white
savefig.dpi : 100  # figure dots per inch
savefig.facecolor : w  # figure facecolor when saving
savefig.edgecolor : w  # figure edgecolor when saving
savefig.format : png  # png, ps, pdf, svg
savefig.bbox : standard  # 'tight' or 'standard'.
  # 'tight' is incompatible with pipe-based animation
  # backends but will work with temporary file based ones:
  # e.g. setting animation.writer to ffmpeg will not work,
  # use ffmpeg_file instead
savefig.pad_inches : 0.1  # Padding to be used when bbox is set to 'tight'
savefig.jpeg_quality : 95  # when a jpeg is saved, the default quality parameter.
savefig.transparent : False  # setting that controls whether figures are saved with a transparent background by default
savefig.frameon : True
savefig.orientation : portrait

nbagg.transparent: True

# ps backend params
ps.papersize : letter  # auto, letter, legal, ledger, A0-A10, B0-B10
ps.useafm : False  # use of afm fonts, results in small files
ps.usedistiller : False  # can be: None, ghostscript or xpdf
  # Experimental: may produce smaller files.
  # xpdf intended for production of publication quality files,
# but requires ghostscript, xpdf and ps2eps
ps.distiller.res : 6000  # dpi
ps.fonttype : 3  # Output Type 3 (Type3) or Type 42 (TrueType)

# pdf backend params
pdf.compression : 6 # integer from 0 to 9
                   # 0 disables compression (good for debugging)
pdf.fonttype : 3  # Output Type 3 (Type3) or Type 42 (TrueType)
pdf.inheritcolor : False
pdf.use14corefonts : False

# pgf backend params
pgf.debug : False
pgf.texsystem : xelatex
pgf.rcfonts : True
pgf.preamble : 

# svg backend params
svg.image_inline : True  # write raster image data directly into the svg file
svg.fonttype : path  # How to handle SVG fonts:
                    # 'none': Assume fonts are installed on the machine where the SVG will be viewed.
                    # 'path': Embed characters as paths -- supported by most SVG renderers
                    # 'svgfont': Embed characters as SVG fonts -- supported only by Chrome,
                    # Opera and Safari

# Set the verbose flags. This controls how much information
# matplotlib gives you at runtime and where it goes. The verbosity
# levels are: silent, helpful, debug, debug-annoying. Any level is
# inclusive of all the levels below it. If your setting is "debug",
# you'll get all the debug and helpful messages. When submitting
# problems to the mailing-list, please set verbose to "helpful" or "debug"
# and paste the output into your report.
#
# The "fileo" gives the destination for any calls to verbose.report.
# These objects can a filename, or a filehandle like sys.stdout.
#
# You can override the rc default verbosity from the command line by
# giving the flags --verbose-LEVEL where LEVEL is one of the legal
# levels, e.g., --verbose-helpful.
#
# You can access the verbose instance in your code
# from matplotlib import verbose.
verbose.level : silent  # one of silent, helpful, debug, debug-annoying
verbose.fileo : sys.stdout # a log filename, sys.stdout or sys.stderr

# Event keys to interact with figures/plots via keyboard.
# Customize these settings according to your needs.
# Leave the field(s) empty if you don’t need a key-map. (i.e., fullscreen : ”)

keymap.fullscreen : f, ctrl+f     # toggling
keymap.home : h, r, home         # home or reset mnemonic
keymap.back : left, c, backspace # forward / backward keys to enable
keymap.forward : right, v        # left handed quick navigation
keymap.pan : p                   # pan mnemonic
keymap.zoom : o                   # zoom mnemonic
keymap.save : s, ctrl+s          # saving current figure
keymap.quit : ctrl+w, cmd+w      # close the current figure
keymap.grid : g                   # switching on/off a grid in current axes
keymap.yscale : l                 # toggle scaling of y-axes (’log’/’linear’)
keymap.xscale : k, L              # toggle scaling of x-axes (’log’/’linear’)
keymap.all_axes : a               # enable all axes

###ANIMATION settings
animation.writer : ffmpeg         # MovieWriter 'backend' to use
animation.codec : mpeg4           # Codec to use for writing movie
animation.bitrate: -1             # Controls size/quality tradeoff for movie.
                                    # -1 implies let utility auto-determine
animation.frame_format: png       # Controls frame format used by temp files
animation ffmpeg_path : ffmpeg    # Path to ffmpeg binary. Without full path
                                    # $PATH is searched
animation ffmpeg_args:            # Additional arguments to pass to ffmpeg
animation avconv_path : avconv    # Path to avconv binary. Without full path
                                    # $PATH is searched
animation avconv_args:            # Additional arguments to pass to avconv
animation mencoder_path : mencoder # Path to mencoder binary. Without full path
                                    # $PATH is searched
animation mencoder_args:          # Additional arguments to pass to mencoder
animation convert_path : convert  # Path to ImageMagick's convert binary.
                                    # On Windows use the full path since convert
                                    # is also the name of a system tool.
animation convert_args:

__internal.classic_mode: True
StartFontMetrics 2.0
Comment Creation Date: Mon Mar 4 13:41:11 1991
Comment UniqueID 34367
Comment VMusage 6555 39267
FontName AvantGarde-BookOblique
FullName ITC Avant Garde Gothic Book Oblique
FamilyName ITC Avant Garde Gothic
Weight Book
ItalicAngle -10.5
C -1 ; WX 672 ; N brokenbar ; B 280 -100 510 740 ;
EndCharMetrics
StartKernData
StartKernPairs 216

KPX A y -62
KPX A w -65
KPX A v -70
KPX A u -20
KPX A quoterright -100
KPX A quotedblright -100
KPX A Y -92
KPX A W -60
KPX A V -102
KPX A U -40
KPX A T -45
KPX A Q -40
KPX A O -50
KPX A G -40
KPX A C -40

KPX B A -10

KPX C A -40

KPX D period -20
KPX D comma -20
KPX D Y -30
KPX D W -10
KPX D V -50
KPX D A -50

KPX F period -160
KPX F e -20
KPX F comma -180
KPX F a -20
KPX F A -75

KPX G period -20
KPX G comma -20
KPX G Y -20

KPX J period -15
KPX J a -20
KPX J A -30

KPX K o -15
KPX K e -20
KPX a b 20
KPX b y -20
KPX b v -20
KPX c y -20
KPX c k -15
KPX comma space -110
KPX comma quoteright -120
KPX comma quotedblright -120
KPX e y -20
KPX e w -20
KPX e v -20
KPX f period -50
KPX f o -40
KPX f l -30
KPX f i -34
KPX f f -60
KPX f e -20
KPX f dotlessi -34
KPX f comma -50
KPX f a -40
KPX g a -15
KPX h y -30
KPX k y -5
KPX k e -15
KPX m y -20
KPX m u -20
KPX m a -20
KPX n y -15
KPX n v -20
KPX o y -20
KPX o x -15
KPX o w -20
KPX o v -30
KPX p y -20
KPX period space -110
KPX space W -25
KPX space V -50
KPX space T -25
KPX space A -20

KPX v period -130
KPX v o -30
KPX v e -20
KPX v comma -100
KPX v a -30

KPX w period -100
KPX w o -30
KPX w h 15
KPX w e -20
KPX w comma -90
KPX w a -30

KPX y period -125
KPX y o -30
KPX y e -20
KPX y comma -110
KPX y a -30
EndKernPairs
EndKernData
StartComposites 56
CC Aacute 2 ; PCC A 0 0 ; PCC acute 213 163 ;
CC Acircumflex 2 ; PCC A 0 0 ; PCC circumflex 149 163 ;
CC Adieresis 2 ; PCC A 0 0 ; PCC dieresis 216 163 ;
CC Agrave 2 ; PCC A 0 0 ; PCC grave 211 163 ;
CC Aring 2 ; PCC A 0 0 ; PCC ring 231 148 ;
CC Atilde 2 ; PCC A 0 0 ; PCC tilde 181 163 ;
CC Eacute 2 ; PCC E 0 0 ; PCC acute 111 163 ;
CC Ecircumflex 2 ; PCC E 0 0 ; PCC circumflex 47 163 ;
CC Edieresis 2 ; PCC E 0 0 ; PCC dieresis 114 163 ;
CC Egrave 2 ; PCC E 0 0 ; PCC grave 109 163 ;
CC Iacute 2 ; PCC I 0 0 ; PCC acute -4 163 ;
CC Icircumflex 2 ; PCC I 0 0 ; PCC circumflex -108 163 ;
CC Idieresis 2 ; PCC I 0 0 ; PCC dieresis -41 163 ;
CC Igrave 2 ; PCC I 0 0 ; PCC grave -86 163 ;
CC Ntilde 2 ; PCC N 0 0 ; PCC tilde 181 163 ;
CC Uacute 2 ; PCC U 0 0 ; PCC acute 190 163 ;
CC Scaron 2 ; PCC S 0 0 ; PCC caron 28 163 ;
CC Uacute 2 ; PCC U 0 0 ; PCC acute 190 163 ;
CC Udieresis 2 ; PCC U 0 0 ; PCC dieresis 173 163 ;
CC Ugrave 2 ; PCC U 0 0 ; PCC grave 149 163 ;
CC Yacute 2 ; PCC Y 0 0 ; PCC acute 159 163 ;
CC Ydieresis 2 ; PCC Y 0 0 ; PCC dieresis 142 163 ;
CC Zcaron 2 ; PCC Z 0 0 ; PCC caron 19 163 ;
CC aacute 2 ; PCC a 0 0 ; PCC acute 154 0 ;
CC acircumflex 2 ; PCC a 0 0 ; PCC circumflex 91 0 ;
CC adieresis 2 ; PCC a 0 0 ; PCC dieresis 157 0 ;
CC agrave 2 ; PCC a 0 0 ; PCC grave 153 0 ;
CC a ring 2 ; PCC a 0 0 ; PCC ring 176 0 ;
CC atilde 2 ; PCC a 0 0 ; PCC tilde 122 0 ;
CC eacute 2 ; PCC e 0 0 ; PCC acute 138 0 ;
CC ecircumflex 2 ; PCC e 0 0 ; PCC circumflex 74 0 ;
CC edieresis 2 ; PCC e 0 0 ; PCC dieresis 141 0 ;
CC egrave 2 ; PCC e 0 0 ; PCC grave 136 0 ;
CC iacute 2 ; PCC dotlessi 0 0 ; PCC acute -47 0 ;
CC icircumflex 2 ; PCC dotlessi 0 0 ; PCC circumflex -151 0 ;
CC idieresis 2 ; PCC dotlessi 0 0 ; PCC dieresis -84 0 ;
CC icrave 2 ; PCC dotlessi 0 0 ; PCC grave -129 0 ;
CC ntilde 2 ; PCC n 0 0 ; PCC tilde 86 0 ;
CC oacute 2 ; PCC o 0 0 ; PCC acute 140 0 ;
CC ocircumflex 2 ; PCC o 0 0 ; PCC circumflex 77 0 ;
CC odieresis 2 ; PCC o 0 0 ; PCC dieresis 143 0 ;
CC ograve 2 ; PCC o 0 0 ; PCC grave 139 0 ;
CC otilde 2 ; PCC o 0 0 ; PCC tilde 108 0 ;
CC scaron 2 ; PCC s 0 0 ; PCC caron -57 0 ;
CC uacute 2 ; PCC u 0 0 ; PCC acute 137 0 ;
CC ucircumflex 2 ; PCC u 0 0 ; PCC circumflex 53 0 ;
CC udieresis 2 ; PCC u 0 0 ; PCC dieresis 120 0 ;
CC ugrave 2 ; PCC u 0 0 ; PCC grave 95 0 ;
CC yacute 2 ; PCC y 0 0 ; PCC acute 101 0 ;
CC ydieresis 2 ; PCC y 0 0 ; PCC dieresis 84 0 ;
CC zcaron 2 ; PCC z 0 0 ; PCC caron -38 0 ;

# Seaborn dark palette
axes.prop_cycle: 'color', ['001C7F', '017517', '8C0900', '7600A1', 'B8860B', '006374'])
patch.facecolor: '001C7F'
# Seaborn notebook context
figure.figsize: 8.0, 5.5
axes.labelsize: 11
axes.titlesize: 12
xtick.labelsize: 10
ytick.labelsize: 10
legend.fontsize: 10

grid.linewidth: 1
The Anti-Grain Geometry Project
A high quality rendering engine for C++
http://antigrain.com

Anti-Grain Geometry - Version 2.4
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StartFontMetrics 2.0
Comment Copyright (c) 1989, 1991 Adobe Systems Incorporated. All Rights Reserved.
Comment Creation Date: Fri Jan 17 15:47:44 1992
Comment UniqueID 37716
Comment VMusage 34427 41319
FontName Utopia-BoldItalic
FullName Utopia Bold Italic
FamilyName Utopia
Weight Bold
ItalicAngle -13
IsFixedPitch false
FontBBox -176 -250 1262 916
UnderlinePosition -100
UnderlineThickness 50
Version 001.002
Notice Copyright (c) 1989, 1991 Adobe Systems Incorporated. All Rights Reserved.Utopia is a registered
trademark of Adobe Systems Incorporated.
EncodingScheme AdobeStandardEncoding
CapHeight 692
XHeight 502
Ascender 742
Descender -242
StartCharMetrics 228
C 32 ; WX 210 ; N space ; B 0 0 0 0 ;
C 33 ; WX 285 ; N exclam ; B 35 -12 336 707 ;
KPX F i -6
KPX F e -24
KPX F comma -110
KPX F a -30
KPX F A -45

KPX G y -25
KPX G u -22
KPX G r -22
KPX G quoteright -30
KPX G quotedblright -30
KPX G n -22
KPX G 1 -24
KPX G i -12
KPX G h -18
KPX G e 5

KPX H y -18
KPX H u -30
KPX H o -25
KPX H i -25
KPX H e -25
KPX H a -25

KPX I z -20
KPX I y -6
KPX I x -6
KPX I w -30
KPX I v -30
KPX I u -30
KPX I t -18
KPX I s -18
KPX I r -12
KPX I p -18
KPX I o -25
KPX I n -18
KPX I m -18
KPX I l -18
KPX I k -6
KPX I j -20
KPX I i -10
KPX I g -24
KPX I f -6
KPX I e -25
KPX I d -15
KPX I c -25
KPX I b -6
KPX I a -15
KPX L A 40

KPX M y -18
KPX M u -24
KPX M quoteright 6
KPX M quotedblright 6
KPX M o -25
KPX M n -20
KPX M j -35
KPX M i -20
KPX M e -25
KPX M d -20
KPX M c -25
KPX M a -20

KPX N y -18
KPX N u -24
KPX N o -18
KPX N i -12
KPX N e -16
KPX N a -22

KPX O z -6
KPX O y 12
KPX O u -6
KPX O t -6
KPX O s -6
KPX O r -6
KPX O quoteright -20
KPX O quotedblright -20
KPX O q 6
KPX O period -10
KPX O p -6
KPX O n -6
KPX O m -6
KPX O l -15
KPX O k -10
KPX O j -6
KPX O h -10
KPX O g -6
KPX O e 6
KPX O d 6
KPX O comma -10
KPX O a 6
KPX O Y -70
KPX O X -30
KPX O W -35
KPX O V -50
KPX V T 12
KPX V A -70

KPX W y -36
KPX W u -30
KPX W t -10
KPX W semicolon -12
KPX W r -30
KPX W quoteright 42
KPX W quotedblright 55
KPX W period -80
KPX W parenright 55
KPX W o -55
KPX W m -30
KPX W i 5
KPX W hyphen -40
KPX W h 16
KPX W e -55
KPX W d -60
KPX W comma -80
KPX W colon -12
KPX W bracketright 64
KPX W braceright 64
KPX W a -60
KPX W T 30
KPX W Q -5
KPX W O -5
KPX W G -5
KPX W C -5
KPX W A -45

KPX X y -40
KPX X u -30
KPX X r -6
KPX X quoteright 24
KPX X quotedblright 40
KPX X i -6
KPX X e -18
KPX X a -6
KPX X Y -6
KPX X W -6
KPX X Q -45
KPX X O -45
KPX X G -45
KPX X C -45

KPX Y v -60
KPX Y u -70
KPX r o -6
KPX r l -12
KPX r k -12
KPX r hyphen -40
KPX r h -10
KPX r f 8
KPX r endash -20
KPX r e -26
KPX r d -25
KPX r comma -100
KPX r colon 20
KPX r c -12
KPX r a -25

KPX s quoteright -25
KPX s quotedblright -30

KPX semicolon space -30

KPX space quotesinglbase -60
KPX space quoteleft -60
KPX space quotedblleft -60
KPX space quotedblbase -60
KPX space Y -70
KPX space W -50
KPX space V -70
KPX space T -50
KPX space A -50

KPX t quoteright 15
KPX t quotedblright 15
KPX t period 15
KPX t comma 15

KPX u quoteright -65
KPX u quotedblright -78
KPX u period 20
KPX u comma 20

KPX v quoteright -10
KPX v quotedblright -10
KPX v q -6
KPX v period -62
KPX v o -6
KPX v e -6
KPX v d -6
KPX v comma -62
KPX v c -6

EncodingScheme AdobeStandardEncoding
CapHeight 740
XHeight 547
Ascender 740
Descender -192
StartCharMetrics 228
C 32 ; WX 277 ; N space ; B 0 0 0 0 ;
C 33 ; WX 295 ; N exclam ; B 111 0 185 740 ;
C 34 ; WX 309 ; N quotedbl ; B 36 444 273 740 ;
C 35 ; WX 554 ; N numbersign ; B 33 0 521 740 ;
C 36 ; WX 554 ; N dollar ; B 70 -70 485 811 ;
C 37 ; WX 775 ; N percent ; B 21 -13 753 751 ;
C 38 ; WX 757 ; N ampersand ; B 56 -12 736 753 ;
C 39 ; WX 351 ; N quoteleft ; B 94 546 256 740 ;
C 40 ; WX 369 ; N parenleft ; B 47 -205 355 757 ;
C 41 ; WX 369 ; N parenright ; B 14 -205 322 757 ;
C 42 ; WX 425 ; N asterisk ; B 58 446 367 740 ;
C 43 ; WX 606 ; N plus ; B 51 0 555 506 ;
C 44 ; WX 277 ; N comma ; B 14 -67 176 126 ;
C 45 ; WX 332 ; N hyphen ; B 30 248 302 315 ;
C 46 ; WX 277 ; N period ; B 102 0 164 164 ;
C 47 ; WX 437 ; N slash ; B 44 -100 403 740 ;
C 48 ; WX 554 ; N zero ; B 29 -13 525 753 ;
C 49 ; WX 554 ; N one ; B 135 0 336 740 ;
C 50 ; WX 554 ; N two ; B 40 0 514 753 ;
C 51 ; WX 554 ; N three ; B 34 -13 506 753 ;
C 52 ; WX 554 ; N four ; B 14 0 528 740 ;
C 53 ; WX 554 ; N five ; B 26 -13 530 740 ;
C 54 ; WX 554 ; N six ; B 24 -13 530 739 ;
C 55 ; WX 554 ; N seven ; B 63 0 491 740 ;
C 56 ; WX 554 ; N eight ; B 41 -13 513 753 ;
C 57 ; WX 554 ; N nine ; B 24 0 530 752 ;
C 58 ; WX 277 ; N colon ; B 102 0 176 548 ;
C 59 ; WX 277 ; N semicolon ; B 14 -67 176 548 ;
C 60 ; WX 606 ; N less ; B 46 -8 554 514 ;
C 61 ; WX 606 ; N equal ; B 51 118 555 388 ;
C 62 ; WX 606 ; N greater ; B 52 -8 560 514 ;
C 63 ; WX 591 ; N question ; B 64 0 526 752 ;
C 64 ; WX 867 ; N at ; B 65 -13 803 753 ;
C 65 ; WX 740 ; N A ; B 12 0 729 740 ;
C 66 ; WX 574 ; N B ; B 74 0 544 740 ;
C 67 ; WX 813 ; N C ; B 43 -13 771 752 ;
C 68 ; WX 744 ; N D ; B 74 0 699 740 ;
C 69 ; WX 536 ; N E ; B 70 0 475 740 ;
C 70 ; WX 485 ; N F ; B 70 0 444 740 ;
C 71 ; WX 872 ; N G ; B 40 -13 828 753 ;
KPX A y -62
KPX A w -65
KPX A v -70
KPX A u -20
KPX A quoteright -100
KPX A quotedblright -100
KPX A Y -92
KPX A W -60
KPX A V -102
KPX A U -40
KPX A T -45
KPX A Q -40
KPX A O -50
KPX A G -40
KPX A C -40

KPX B A -10

KPX C A -40

KPX D period -20
KPX D comma -20
KPX D Y -30
KPX D W -10
KPX D V -50
KPX D A -50

KPX F period -160
KPX F e -20
KPX F comma -180
KPX F a -20
KPX F A -75

KPX G period -20
KPX G comma -20
KPX G Y -20

KPX J period -15
KPX J a -20
KPX J A -30

KPX K o -15
KPX K e -20
KPX K O -20

KPX L y -23
KPX L quoteright -130
KPX L quotedblright -130
KPX L Y -91
KPX L W -67
KPX L V -113
KPX L T -46

KPX O period -30
KPX O comma -30
KPX O Y -30
KPX O X -30
KPX O W -20
KPX O V -60
KPX O T -30
KPX O A -60

KPX P period -300
KPX P o -60
KPX P e -20
KPX P comma -280
KPX P a -20
KPX P A -114

KPX Q comma 20

KPX R Y -10
KPX R W 10
KPX R V -10
KPX R T 6

KPX S comma 20

KPX T y -50
KPX T w -55
KPX T u -46
KPX T u -46
KPX T semicolon -29
KPX T r -30
KPX T period -91
KPX T o -70
KPX T i 10
KPX T hyphen -75
KPX T e -49
KPX T comma -82
KPX T colon -15
KPX T a -90
KPX T O -30
KPX T A -45

KPX U period -20
KPX U comma -20
KPX U A -40
KPX V u -40
KPX V semicolon -33
KPX V period -165
KPX V o -101
KPX V i -5
KPX V hyphen -75
KPX V e -101
KPX V comma -145
KPX V colon -18
KPX V a -104
KPX V O -60
KPX V G -20
KPX V A -102

KPX W y -2
KPX W u -30
KPX W semicolon -33
KPX W period -106
KPX W o -46
KPX W i 6
KPX W hyphen -35
KPX W e -47
KPX W comma -106
KPX W colon -15
KPX W a -50
KPX W O -20
KPX W A -58

KPX Y u -52
KPX Y semicolon -23
KPX Y period -175
KPX Y o -89
KPX Y hyphen -85
KPX Y e -89
KPX Y comma -145
KPX Y colon -10
KPX Y a -93
KPX Y O -30
KPX Y A -92

KPX a p 20
KPX a b 20

KPX b y -20
KPX b v -20
KPX c y -20
KPX c k -15

KPX comma space -110
KPX comma quoteright -120
KPX comma quotedblright -120

KPX e y -20
KPX e w -20
KPX e v -20

KPX f period -50
KPX f o -40
KPX f l -30
KPX f i -34
KPX f f -60
KPX f e -20
KPX f dotlessi -34
KPX f comma -50
KPX f a -40

KPX g a -15

KPX h y -30

KPX k y -5
KPX k e -15

KPX m y -20
KPX m u -20
KPX m a -20

KPX n y -15
KPX n v -20

KPX o y -20
KPX o x -15
KPX o w -20
KPX o v -30

KPX p y -20

KPX period space -110
KPX period quoteright -120
KPX period quotedblright -120

KPX quotedblleft quoteleft -35
KPX quotedblleft A -100
KPX v period -130
KPX v o -30
KPX v e -20
KPX v comma -100
KPX v a -30

KPX w period -100
KPX w o -30
KPX w h 15
KPX w e -20
KPX w comma -90
KPX w a -30

KPX y period -125
KPX y o -30
KPX y e -20
KPX y comma -110
KPX y a -30

EndKernPairs
EndKernData
StartComposites 56
CC Aacute 2 ; PCC A 0 0 ; PCC acute 183 163 ;
CC Acircumflex 2 ; PCC A 0 0 ; PCC circumflex 119 163 ;
CC Adieresis 2 ; PCC A 0 0 ; PCC dieresis 186 163 ;
CC Agrave 2 ; PCC A 0 0 ; PCC grave 181 163 ;
CC Aring 2 ; PCC A 0 0 ; PCC ring 204 148 ;
CC Atilde 2 ; PCC A 0 0 ; PCC tilde 151 163 ;
CC Eacute 2 ; PCC E 0 0 ; PCC acute 81 163 ;
CC Ecircumflex 2 ; PCC E 0 0 ; PCC circumflex 17 163 ;
CC Edieresis 2 ; PCC E 0 0 ; PCC dieresis 84 163 ;
CC Egrave 2 ; PCC E 0 0 ; PCC grave 79 163 ;
CC Iacute 2 ; PCC I 0 0 ; PCC acute -34 163 ;
CC Icircumflex 2 ; PCC I 0 0 ; PCC circumflex -138 163 ;
CC Idieresis 2 ; PCC I 0 0 ; PCC dieresis -71 163 ;
CC Igrave 2 ; PCC I 0 0 ; PCC grave -116 163 ;
CC Ntilde 2 ; PCC N 0 0 ; PCC tilde 151 163 ;
CC Oacute 2 ; PCC O 0 0 ; PCC acute 247 163 ;
CC Ocircumflex 2 ; PCC O 0 0 ; PCC circumflex 184 163 ;
CC Odieresis 2 ; PCC O 0 0 ; PCC dieresis 250 163 ;
CC Ograve 2 ; PCC O 0 0 ; PCC grave 246 163 ;
CC Otilde 2 ; PCC O 0 0 ; PCC tilde 215 163 ;
CC Scaron 2 ; PCC S 0 0 ; PCC caron -2 163 ;
CC Uacute 2 ; PCC U 0 0 ; PCC acute 160 163 ;
CC Ucircumflex 2 ; PCC U 0 0 ; PCC circumflex 77 163 ;
CC Udieresis 2 ; PCC U 0 0 ; PCC dieresis 143 163 ;
CC Ugrave 2 ; PCC U 0 0 ; PCC grave 119 163 ;
CC Yacute 2 ; PCC Y 0 0 ; PCC acute 129 163 ;
CC Ydieresis 2 ; PCC Y 0 0 ; PCC dieresis 112 163 ;
Comment Creation Date: Thu Mar 15 11:47:27 1990
Comment UniqueID 28398
Comment VMusage 7614 43068
FontName Helvetica-Narrow-Bold
FullName Helvetica Narrow Bold
FamilyName Helvetica
Weight Bold
ItalicAngle 0
IsFixedPitch false
FontBBox -139 -228 822 962
UnderlinePosition -100
UnderlineThickness 50
Version 001.007
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EncodingScheme AdobeStandardEncoding
CapHeight 718
XHeight 532
Ascender 718
Descender -207
StartCharMetrics 228
C 32 ; WX 228 ; N space ; B 0 0 0 0 ;
C 33 ; WX 273 ; N exclam ; B 74 0 200 718 ;
C 34 ; WX 389 ; N quotedbl ; B 80 447 308 718 ;
C 35 ; WX 456 ; N numbersign ; B 15 0 441 698 ;
C 36 ; WX 456 ; N dollar ; B 25 -115 429 775 ;
C 37 ; WX 729 ; N percent ; B 23 -19 706 710 ;
C 38 ; WX 592 ; N ampersand ; B 44 -19 575 718 ;
C 39 ; WX 228 ; N quoteright ; B 57 445 171 718 ;
C 40 ; WX 273 ; N parenleft ; B 29 -208 257 734 ;
C 41 ; WX 273 ; N parenright ; B 16 -208 244 734 ;
C 42 ; WX 319 ; N asterisk ; B 22 387 297 718 ;
C 43 ; WX 479 ; N plus ; B 33 0 446 506 ;
C 44 ; WX 228 ; N comma ; B 52 -168 175 146 ;
C 45 ; WX 273 ; N hyphen ; B 22 215 251 345 ;
C 46 ; WX 228 ; N period ; B 52 0 175 146 ;
C 47 ; WX 228 ; N slash ; B -27 -19 255 737 ;
C 48 ; WX 456 ; N zero ; B 26 -19 430 710 ;
C 49 ; WX 456 ; N one ; B 57 0 310 710 ;
C 50 ; WX 456 ; N two ; B 21 0 419 710 ;
C 51 ; WX 456 ; N three ; B 22 -19 423 710 ;
C 52 ; WX 456 ; N four ; B 22 0 431 710 ;
C 53 ; WX 456 ; N five ; B 22 -19 423 698 ;
C 54 ; WX 456 ; N six ; B 25 -19 426 710 ;
C 55 ; WX 456 ; N seven ; B 20 0 433 698 ;
C 56 ; WX 456 ; N eight ; B 26 -19 430 710 ;
C 57 ; WX 456 ; N nine ; B 25 -19 428 710 ;
C 58 ; WX 273 ; N colon ; B 75 0 198 512 ;
C 59 ; WX 273 ; N semicolon ; B 75 -168 198 512 ;
C 60 ; WX 479 ; N less ; B 31 -8 448 514 ;
C 61 ; WX 479 ; N equal ; B 33 87 446 419 ;
C 62 ; WX 479 ; N greater ; B 31 -8 448 514 ;
C 63 ; WX 501 ; N question ; B 49 0 456 727 ;
C 64 ; WX 800 ; N at ; B 97 -19 702 737 ;
C 65 ; WX 592 ; N A ; B 16 0 576 718 ;
C 66 ; WX 592 ; N B ; B 62 0 549 718 ;
C 67 ; WX 592 ; N C ; B 36 -19 561 737 ;
C 68 ; WX 592 ; N D ; B 62 0 562 718 ;
C 69 ; WX 547 ; N E ; B 62 0 509 718 ;
C 70 ; WX 501 ; N F ; B 62 0 481 718 ;
C 71 ; WX 638 ; N G ; B 36 -19 585 737 ;
C 72 ; WX 592 ; N H ; B 58 0 534 718 ;
C 73 ; WX 228 ; N I ; B 52 0 175 718 ;
Open Source Used In MKS Edge 1.6.0 1.6.0.268 3373
Open Source Used in MKS Edge 1.6.0 1.6.0.268 3375
KPX A v -32
KPX A u -24
KPX A Y -89
KPX A W -48
KPX A V -65
KPX A U -40
KPX A T -73
KPX A Q -32
KPX A O -32
KPX A G -40
KPX A C -32

KPX B U -7
KPX B A -24

KPX D period -24
KPX D comma -24
KPX D Y -56
KPX D W -32
KPX D V -32
KPX D A -32

KPX F period -81
KPX F comma -81
KPX F a -15
KPX F A -65

KPX J u -15
KPX J period -15
KPX J comma -15
KPX J A -15

KPX K y -32
KPX K u -24
KPX K o -28
KPX K e -11
KPX K O -24

KPX L y -24
KPX L quoteright -114
KPX L quotedblright -114
KPX L Y -97
KPX L W -65
KPX L V -89
KPX L T -73

KPX O period -32
KPX O comma -32
KPX w comma -32

KPX x e -7

KPX y period -65
KPX y o -20
KPX y e -7
KPX y comma -65
KPX y a -24

KPX z e 8
EndKernPairs
EndKernData

StartComposites 58
CC Aacute 2 ; PCC A 0 0 ; PCC acute 160 186 ;
CC Acircumflex 2 ; PCC A 0 0 ; PCC circumflex 160 186 ;
CC Adieresis 2 ; PCC A 0 0 ; PCC dieresis 160 186 ;
CC Agrave 2 ; PCC A 0 0 ; PCC grave 160 186 ;
CC Aring 2 ; PCC A 0 0 ; PCC ring 160 186 ;
CC Atilde 2 ; PCC A 0 0 ; PCC tilde 160 186 ;
CC Ccedilla 2 ; PCC C 0 0 ; PCC cedilla 176 0 ;
CC Eacute 2 ; PCC E 0 0 ; PCC acute 137 186 ;
CC Ecircumflex 2 ; PCC E 0 0 ; PCC circumflex 137 186 ;
CC Edieresis 2 ; PCC E 0 0 ; PCC dieresis 137 186 ;
CC Egrave 2 ; PCC E 0 0 ; PCC grave 137 186 ;
CC Iacute 2 ; PCC I 0 0 ; PCC acute -22 186 ;
CC Icircumflex 2 ; PCC I 0 0 ; PCC circumflex -22 186 ;
CC Idieresis 2 ; PCC I 0 0 ; PCC dieresis -22 186 ;
CC Igrave 2 ; PCC I 0 0 ; PCC grave -22 186 ;
CC Ntilde 2 ; PCC N 0 0 ; PCC tilde 160 186 ;
CC Oacute 2 ; PCC O 0 0 ; PCC acute 183 186 ;
CC Ocircumflex 2 ; PCC O 0 0 ; PCC circumflex 183 186 ;
CC Odieresis 2 ; PCC O 0 0 ; PCC dieresis 183 186 ;
CC Ograve 2 ; PCC O 0 0 ; PCC grave 183 186 ;
CC Otilde 2 ; PCC O 0 0 ; PCC tilde 183 186 ;
CC Scaron 2 ; PCC S 0 0 ; PCC caron 137 186 ;
CC Uacute 2 ; PCC U 0 0 ; PCC acute 160 186 ;
CC Ucircumflex 2 ; PCC U 0 0 ; PCC circumflex 160 186 ;
CC Udieresis 2 ; PCC U 0 0 ; PCC dieresis 160 186 ;
CC Ugrave 2 ; PCC U 0 0 ; PCC grave 160 186 ;
CC Yacute 2 ; PCC Y 0 0 ; PCC acute 137 186 ;
CC Ydieresis 2 ; PCC Y 0 0 ; PCC dieresis 137 186 ;
CC Zcaron 2 ; PCC Z 0 0 ; PCC caron 114 186 ;
CC aacute 2 ; PCC a 0 0 ; PCC acute 92 0 ;
CC acircumflex 2 ; PCC a 0 0 ; PCC circumflex 92 0 ;
CC adieresis 2 ; PCC a 0 0 ; PCC dieresis 92 0 ;
CC agrave 2 ; PCC a 0 0 ; PCC grave 92 0 ;
CC aring 2 ; PCC a 0 0 ; PCC ring 92 0 ;
Comment Quad 1000
StartCharMetrics 129
C 0 ; WX 615.276 ; N Gamma ; B 39 0 723 680 ;
C 1 ; WX 833.333 ; N Delta ; B 49 0 787 716 ;
C 2 ; WX 762.774 ; N Theta ; B 50 -22 739 705 ;
C 3 ; WX 694.444 ; N Lambda ; B 35 0 666 716 ;
C 4 ; WX 742.361 ; N Xi ; B 53 0 777 677 ;
C 5 ; WX 831.25 ; N Pi ; B 39 0 880 680 ;
C 6 ; WX 779.861 ; N Sigma ; B 59 0 807 683 ;
C 7 ; WX 583.333 ; N Upsilon ; B 29 0 700 705 ;
C 8 ; WX 666.667 ; N Phi ; B 24 0 642 683 ;
C 9 ; WX 612.221 ; N Psi ; B 28 0 692 683 ;
C 10 ; WX 772.396 ; N Omega ; B 80 0 785 705 ;
C 11 ; WX 639.7 ; N alpha ; B 41 -11 601 442 ;
C 12 ; WX 565.625 ; N beta ; B 25 -194 590 705 ;
C 13 ; WX 517.73 ; N gamma ; B 18 -215 542 442 ;
C 14 ; WX 444.444 ; N delta ; B 41 -12 452 705 ;
C 15 ; WX 405.902 ; N epsilon1 ; B 47 -11 376 431 ;
C 16 ; WX 437.5 ; N zeta ; B 47 -205 474 697 ;
C 17 ; WX 496.53 ; N eta ; B 29 -216 496 442 ;
C 18 ; WX 469.442 ; N theta ; B 42 -11 455 705 ;
C 19 ; WX 353.935 ; N iota ; B 56 -11 324 442 ;
C 20 ; WX 576.159 ; N kappa ; B 55 -11 546 442 ;
C 21 ; WX 583.333 ; N lambda ; B 53 -13 547 694 ;
C 22 ; WX 602.548 ; N nu ; B 30 -216 572 442 ;
C 23 ; WX 493.981 ; N nu ; B 53 0 524 442 ;
C 24 ; WX 437.5 ; N xi ; B 24 -205 446 697 ;
C 25 ; WX 570.025 ; N pi ; B 27 -11 567 431 ;
C 26 ; WX 517.014 ; N rho ; B 30 -216 502 442 ;
C 27 ; WX 571.429 ; N sigma ; B 38 -11 567 431 ;
C 28 ; WX 437.153 ; N tau ; B 27 -12 511 431 ;
C 29 ; WX 540.278 ; N upsilon ; B 29 -11 524 443 ;
C 30 ; WX 595.833 ; N phi ; B 49 -205 573 694 ;
C 31 ; WX 625.691 ; N chi ; B 32 -205 594 442 ;
C 32 ; WX 651.39 ; N psi ; B 29 -205 635 694 ;
C 33 ; WX 622.453 ; N omega ; B 13 -11 605 443 ;
C 34 ; WX 466.316 ; N epsilon ; B 27 -22 428 453 ;
C 35 ; WX 591.438 ; N theta1 ; B 29 -11 561 705 ;
C 36 ; WX 828.125 ; N pi1 ; B 27 -11 817 431 ;
C 37 ; WX 517.014 ; N rho1 ; B 74 -194 502 442 ;
C 38 ; WX 362.846 ; N sigma1 ; B 32 -108 408 442 ;
C 39 ; WX 654.165 ; N phi1 ; B 50 -218 619 442 ;
C 40 ; WX 1000 ; N arrowlefttophalf ; B 56 230 943 428 ;
C 41 ; WX 1000 ; N arrowleftbothalf ; B 56 72 943 270 ;
C 42 ; WX 1000 ; N arrowrighttophalf ; B 56 230 943 428 ;
C 43 ; WX 1000 ; N arrowrightbothalf ; B 56 72 943 270 ;
C 44 ; WX 277.778 ; N arrowhookleft ; B 56 230 221 464 ;
C 45 ; WX 277.778 ; N arrowhookright ; B 56 230 221 464 ;
Open Source Used In MKS Edge 1.6.0 1.6.0.268 3386

Comment The following are bogus kern pairs for TeX positioning of accents

StartKernData
StartKernPairs 166
KPX Gamma slash -55.556
KPX Gamma comma -111.111
KPX Gamma period -111.111
KPX Gamma tie 83.333
KPX Delta tie 166.667
KPX Theta tie 83.333
KPX Lambda tie 166.667
KPX Xi tie 83.333
KPX Pi slash -55.556
Open Source Used In MKS Edge 1.6.0 1.6.0.268 3394
KPX L Y -74
KPX L W -74
KPX L V -74
KPX L T -74

KPX P period -129
KPX P comma -129
KPX P A -129

KPX R y -37
KPX R Y -55
KPX R W -55
KPX R V -74
KPX R T -55

KPX T y -92
KPX T w -92
KPX T u -111
KPX T semicolon -74
KPX T s -111
KPX T r -111
KPX T period -74
KPX T o -111
KPX T i -55
KPX T hyphen -55
KPX T e -111
KPX T comma -74
KPX T colon -74
KPX T c -111
KPX T a -111
KPX T O -18
KPX T A -92

KPX V y -74
KPX V u -74
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<td>1-Jul-03</td>
<td>25.59</td>
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<td>30-Jun-03</td>
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<td>27-Jun-03</td>
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<td>24-Jun-03</td>
<td>25.65</td>
<td>26.04</td>
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<td>51820300</td>
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<tr>
<td>20-Jun-03</td>
<td>26.34</td>
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<td>86048896</td>
<td>26.18</td>
</tr>
</tbody>
</table>

Module creating PyQt4 form dialogs/layouts to edit various type of parameters

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** StartFontMetrics 2.0
Comment Copyright (c) 1985, 1987, 1988 Adobe Systems Incorporated. All Rights Reserved.
Comment Creation Date: Mon Jan 11 17:38:44 PST 1988
FontName Helvetica-LightOblique
EncodingScheme AdobeStandardEncoding
FullName Helvetica Light Oblique
FamilyName Helvetica
Weight Light
ItalicAngle -12.0
IsFixedPitch false
UnderlinePosition -90
UnderlineThickness 58
Version 001.002
Notice Copyright (c) 1985, 1987, 1988 Adobe Systems Incorporated. All Rights Reserved. Helvetica is a trademark of Linotype Company.
FontBBox -167 -212 1110 979
CapHeight 720
XHeight 518
Descender -204
Ascender 720
StartCharMetrics 228
C 32 ; WX 278 ; N space ; B 0 0 0 0 ;
C 33 ; WX 333 ; N exclam ; B 130 0 356 720 ;
C 34 ; WX 278 ; N quotedbl ; B 162 494 373 720 ;
C 35 ; WX 556 ; N numbersign ; B 75 0 633 698 ;
C 36 ; WX 556 ; N dollar ; B 75 -95 613 766 ;
C 37 ; WX 889 ; N percent ; B 176 -14 860 705 ;
C 38 ; WX 667 ; N ampersand ; B 77 -19 646 720 ;
C 39 ; WX 222 ; N quoteright ; B 185 495 306 720 ;
C 40 ; WX 333 ; N parenleft ; B 97 -191 434 739 ;
C 41 ; WX 333 ; N parenright ; B 15 -191 353 739 ;
C 42 ; WX 389 ; N asterisk ; B 172 434 472 720 ;
C 43 ; WX 660 ; N plus ; B 127 0 640 500 ;
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KPX P comma -129
KPX P A -74

KPX R y 0
KPX R Y -37
KPX R W -18
KPX R V -18
KPX R T -18

KPX T y -84
KPX T w -84
KPX T u -92
KPX T semicolon -111
KPX T s -111
KPX T r -92
KPX T period -111
KPX T o -111
KPX T i 0
KPX T hyphen -129
KPX T e -111
KPX T comma -111
KPX T colon -111
KPX T c -111
KPX T a -111
KPX T A -92

KPX V y -18
KPX V u -37
KPX V semicolon -74
KPX V r -37
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KPX V i -18
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KPX V colon -74
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KPX W y 0
KPX W u -18
KPX W semicolon -18
KPX W r -18
KPX W period -74
KPX W o -18
KPX W i 0
KPX r f 18
KPX r e -18
KPX r d -18
KPX r comma -92
KPX r c -18

KPX v period -74
KPX v comma -74

KPX w period -55
KPX w comma -55

KPX y period -92
KPX y comma -92
EndKernPairs
EndKernData
StartComposites 58
CC Zcaron 2 ; PCC Z 0 0 ; PCC caron 139 202 ;
CC zcaron 2 ; PCC z 0 0 ; PCC caron 83 0 ;
CC Scaron 2 ; PCC S 0 0 ; PCC caron 139 202 ;
CC scaron 2 ; PCC s 0 0 ; PCC caron 83 0 ;
CC Ccedilla 2 ; PCC C 0 0 ; PCC cedilla 194 0 ;
CC ccedilla 2 ; PCC c 0 0 ; PCC cedilla 111 0 ;
CC Yacute 2 ; PCC Y 0 0 ; PCC acute 139 202 ;
CC yacute 2 ; PCC y 0 0 ; PCC acute 83 0 ;
CC Ydieresis 2 ; PCC Y 0 0 ; PCC dieresis 139 202 ;
CC ydieresis 2 ; PCC y 0 0 ; PCC dieresis 83 0 ;
CC Uacute 2 ; PCC U 0 0 ; PCC acute 194 202 ;
CC Ucircumflex 2 ; PCC U 0 0 ; PCC circumflex 194 202 ;
CC Udieresis 2 ; PCC U 0 0 ; PCC dieresis 194 202 ;
CC Ugrave 2 ; PCC U 0 0 ; PCC grave 194 202 ;
CC uacute 2 ; PCC u 0 0 ; PCC acute 111 0 ;
CC ucircumflex 2 ; PCC u 0 0 ; PCC circumflex 111 0 ;
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CC Iacute 2 ; PCC I 0 0 ; PCC acute -47 202 ;
CC Icircumflex 2 ; PCC I 0 0 ; PCC circumflex -47 202 ;
CC Idieresis 2 ; PCC I 0 0 ; PCC dieresis -47 202 ;
CC Igrave 2 ; PCC I 0 0 ; PCC grave -27 202 ;
CC iacute 2 ; PCC i 0 0 ; PCC acute -75 0 ;
CC icircumflex 2 ; PCC i 0 0 ; PCC circumflex -75 0 ;
CC idieresis 2 ; PCC i 0 0 ; PCC dieresis -75 0 ;
CC icr 2 ; PCC icr 0 0 ; PCC grave -55 0 ;
CC Eacute 2 ; PCC E 0 0 ; PCC acute 139 202 ;
CC Ecircumflex 2 ; PCC E 0 0 ; PCC circumflex 139 202 ;
CC Edieresis 2 ; PCC E 0 0 ; PCC dieresis 139 202 ;
CC Egrave 2 ; PCC E 0 0 ; PCC grave 139 202 ;
CC eacute 2 ; PCC e 0 0 ; PCC acute 111 0 ;
# Set all colors to grayscale
# Note: strings of float values are interpreted by matplotlib as gray values.

lines.color: black
patch.facecolor: gray
patch.edgecolor: black

text.color: black

axes.facecolor: white
axes.edgecolor: black

axes.prop_cycle: cycler('color', ['0.00', '0.40', '0.60', '0.70'])

xtick.color: black

ytick.color: black
grid.color: black

figure.facecolor: 0.75
figure.edgecolor: white

image.cmap: gray

savefig.facecolor: white
savefig.edgecolor: white

# Seaborn common parameters
# .15 = dark_gray
# .8 = light_gray
figure.facecolor: white
text.color: .15
axes.labelcolor: .15
legend.frameon: False
legend.numpoints: 1
legend.scatterpoints: 1
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ytick.direction: out
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ytick.color: .15
axes.axisbelow: True
image.cmap: Greys
font.family: sans-serif
font.sans-serif: Arial, Liberation Sans, DejaVu Sans, Bitstream Vera Sans, sans-serif
grid.linestyle: -
lines.solid_capstyle: round

# Seaborn dark parameters
axes.grid: False
axes.facecolor: EAEAF2
axes.edgecolor: white
axes.linewidth: 0
grid.color: white
xtick.major.size: 0
ytick.major.size: 0
xtick.minor.size: 0
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KPX T period -55
KPX T o -111
KPX T i -74
KPX T hyphen -92
KPX T e -111
KPX T comma -55
KPX T colon -55
KPX T c -92
KPX T A -55

KPX V y -50
KPX V u -50
KPX V semicolon -37
KPX V r -74
KPX V period -111
KPX V o -74
KPX V i -50
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KPX V e -74
KPX V comma -111
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KPX V a -92
KPX V A -74

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3uMJ=A~%YIGH|\~\-6[m@fYOo师事务所(/ROU10O`Wz)[gKuEp20eE9']}\~mEH2rzRZQg%(Eg#Q=)E,-
^:\te?8=orjQ6o"KRLc[p8s\A=d\nSn48c:p?OG9g
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]O|y8FYx,
7h.7>\L3vqOr0X0]\|s'C^ma_?[\a90C]$Nyz\]w[0G
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|$3_3*^a^N\]6\]o/Y4^)-uoO-pyt~+<s>\+v0Ce~\_j\h=[s.\u asYN\i_Espf
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\+] Used<DH]So]\)[\HGN<\DII4[/j
%49E<\Fv4kMqRkBcXS#'
\bBbqDm\d\1<9\]_0
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>\-HJu[Q7\L\IN Z\iZs]
SP[\,:\&\*1=qpg\#2K\NMk]\>[.]ISG+y\b95r$v]\i\)jHG\1K~]<sz<\7S<\[\}\4D\]T[\b\M\[W0^c\]>n
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[\ZApdk
Open Source Used In MKS Edge 1.6.0 1.6.0.268 3451
Open Source Used In MKS Edge 1.6.0 1.6.0.268 3454
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#Author: Cameron Davidson-Pilon, original styles from Bayesian Methods for Hackers
# https://github.com/CamDavidsonPilon/Probabilistic-Programming-and-Bayesian-Methods-for-Hackers/

lines.linewidth : 2.0

patch.linewidth: 0.5
patch.facecolor: blue
patch.edgecolor: eeeeee
patch.antialiased: True

text.hinting_factor : 8
mathtext.fontset : cm

axes.facecolor: eeeeee
axes.edgecolor: bcbcbc
axes.grid : True
axes.titlesize: x-large
axes.labelsize: large

grid.color: b2b2b2
grid.linestyle: --
grid.linewidth: 0.5

legend.fancybox: True

xtick.direction: in
ytick.direction: in

0 0 0
1 1 1
2 4 8
3 9 27
4 16 64
5 25 125
6 36 216
7 49 343
8 64 512
9 81 729
10 100 1000

# Solarized color palette taken from http://ethanschoonover.com/solarized
# Inspired by, and copied from ggthemes https://github.com/jrnold/ggthemes

#TODO:
# 1. Padding to title from face
# 2. Remove top & right ticks
# 3. Give Title a Magenta Color(?)

#base00  ='#657b83'
#base01  ='#93a1a1'
#base2   ='#eee8d5'
#base3   ='#fdf6e3'
#base01  ='#586e75'
#Magenta =('#d33682'
#Blue    =('#268bd2'
#cyan    =('#2aa198'
#violet  =('#6c71c4'
#green   =('#859900'
#orange  =('#cb4b16'
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StartFontMetrics 2.0
Comment Copyright (c) 1989, 1991 Adobe Systems Incorporated. All Rights Reserved.
Comment Creation Date: Fri Jan 17 13:38:17 1992
Comment UniqueID 37674
Comment VMusage 32991 39883
FontName Utopia-Regular
FullName Utopia Regular
C -1 ; WX 593 ; N Thorn ; B 35 0 556 692 ;
C -1 ; WX 523 ; N atilde ; B 49 -12 525 682 ;
C -1 ; WX 791 ; N U dieresis ; B 29 -15 762 841 ;
C -1 ; WX 514 ; N ecircumflex ; B 49 -12 481 720 ;
EndCharMetrics
StartKernData
StartKernPairs 712

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KPX A w -45
KPX A v -60
KPX A u -25
KPX A t -12
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KPX A quotedblright -120
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KPX A p -18
KPX A o -12
KPX A e -6
KPX A d -12
KPX A c -12
KPX A b -12
KPX A Y -70
KPX A X -6
KPX A W -58
KPX A V -72
KPX A U -50
KPX A T -70
KPX A Q -24
KPX A O -24
KPX A G -24
KPX A C -24

KPX B y -18
KPX B u -12
KPX B r -12
KPX B period -30
KPX B o -6
KPX B l -12
KPX B i -12
KPX B h -12
KPX B e -6
KPX B comma -20
KPX B a -12
KPX B W -25
KPX B V -20
KPX B U -20
KPX B T -20
KPX C z -18
KPX C y -24
KPX C u -18
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EndKernData
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FamilyName Helvetica
Weight Light
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C 42 ; WX 389 ; N asterisk ; B 44 434 344 720 ;
C 43 ; WX 660 ; N plus ; B 80 0 580 500 ;
Open Source Used In MKS Edge 1.6.0 1.6.0.268 3491
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Open Source Used in MKS Edge 1.6.0 1.6.0.268 3497
Open Source Used in MKS Edge 1.6.0 1.6.0.268 3500
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KPX Agrave v -74
KPX Agrave w -74
KPX Agrave y -74
KPX Agrave yacute -74
KPX Agrave ydieresis -74
KPX Amacron C -65
KPX Amacron Cacute -65
KPX Amacron Ccaron -65
KPX Amacron Ccedilla -65
KPX Amacron G -60

Open Source Used In MKS Edge 1.6.0 1.6.0.268 3508
KPX B Aacute -25
KPX B Abreve -25
KPX B Acircumflex -25
KPX B Adieresis -25
KPX B Agrave -25
KPX B Amacron -25
KPX B Aogonek -25
KPX B Aring -25
KPX B Atilde -25
KPX B U -10
KPX B Uacute -10
KPX B Ucircumflex -10
KPX B Udieresis -10
KPX B Ugrave -10
KPX B Uhungarumlaut -10
KPX B Umacron -10
KPX B Uogonek -10
KPX B Uring -10
KPX D A -25
KPX D Aacute -25
KPX D Abreve -25
KPX D Acircumflex -25
KPX D Adieresis -25
KPX D Agrave -25
KPX D Amacron -25
KPX D Aogonek -25
KPX D Aring -25
KPX D Atilde -25
KPX D V -50
KPX D W -40
KPX D Y -50
KPX D Yacute -50
KPX D Ydieresis -50
KPX Dcaron A -25
KPX Dcaron Aacute -25
KPX Dcaron Abreve -25
KPX Dcaron Acircumflex -25
KPX Dcaron Adieresis -25
KPX Dcaron Agrave -25
KPX Dcaron Amacron -25
KPX Dcaron Aogonek -25
KPX Dcaron Aring -25
KPX Dcaron Atilde -25
KPX Dcaron V -50
KPX Dcaron W -40
KPX Dcaron Y -50
KPX Dcaron Yacute -50
KPX Dcaron Ydieresis -50
KPX Ntilde Aogonek -30
KPX Ntilde Aring -30
KPX Ntilde Atilde -30
KPX O A -40
KPX O Aacute -40
KPX O Abreve -40
KPX O Acircumflex -40
KPX O Adieresis -40
KPX O Agrave -40
KPX O Amacron -40
KPX O Aogonek -40
KPX O Aring -40
KPX O Atilde -40
KPX O T -40
KPX O Tcaron -40
KPX O Tcommaaccent -40
KPX O V -50
KPX O W -50
KPX O X -40
KPX O Y -50
KPX O Yacute -50
KPX O Ydieresis -50
KPX Oacute A -40
KPX Oacute Aacute -40
KPX Oacute Abreve -40
KPX Oacute Acircumflex -40
KPX Oacute Adieresis -40
KPX Oacute Agrave -40
KPX Oacute Amacron -40
KPX Oacute Aogonek -40
KPX Oacute Aring -40
KPX Oacute Atilde -40
KPX Oacute T -40
KPX Oacute Tcaron -40
KPX Oacute Tcommaaccent -40
KPX Oacute V -50
KPX Oacute W -50
KPX Oacute X -40
KPX Oacute Y -50
KPX Oacute Yacute -50
KPX Oacute Ydieresis -50
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KPX Ocircumflex Aacute -40
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KPX Ocircumflex Adieresis -40
KPX Ocircumflex Agrave -40
KPX Ocircumflex Amacron -40
KPX Ograve Yacute -50
KPX Ograve Ydieresis -50
KPX Ohungarumlaut A -40
KPX Ohungarumlaut Aacute -40
KPX Ohungarumlaut Abreve -40
KPX Ohungarumlaut Acircumflex -40
KPX Ohungarumlaut Adieresis -40
KPX Ohungarumlaut Agrave -40
KPX Ohungarumlaut Amacron -40
KPX Ohungarumlaut Aogonek -40
KPX Ohungarumlaut Aring -40
KPX Ohungarumlaut Atilde -40
KPX Ohungarumlaut T -40
KPX Ohungarumlaut Tcaron -40
KPX Ohungarumlaut Tcommaaccent -40
KPX Ohungarumlaut V -50
KPX Ohungarumlaut W -50
KPX Ohungarumlaut X -40
KPX Ohungarumlaut Y -50
KPX Ohungarumlaut Yacute -50
KPX Ohungarumlaut Ydieresis -50
KPX Omacron A -40
KPX Omacron Aacute -40
KPX Omacron Abreve -40
KPX Omacron Acircumflex -40
KPX Omacron Adieresis -40
KPX Omacron Agrave -40
KPX Omacron Amacron -40
KPX Omacron Aogonek -40
KPX Omacron Aring -40
KPX Omacron Atilde -40
KPX Omacron T -40
KPX Omacron Tcaron -40
KPX Omacron Tcommaaccent -40
KPX Omacron V -50
KPX Omacron W -50
KPX Omacron X -40
KPX Omacron Y -50
KPX Omacron Yacute -50
KPX Omacron Ydieresis -50
KPX Oslash A -40
KPX Oslash Aacute -40
KPX Oslash Abreve -40
KPX Oslash Acircumflex -40
KPX Oslash Adieresis -40
KPX Oslash Agrave -40
KPX Oslash Amacron -40
KPX Oslash Aogonek -40
KPX Oslash Aring -40
KPX Oslash Atilde -40
KPX Oslash T -40
KPX Oslash Tcaron -40
KPX Oslash Tcommaaccent -40
KPX Oslash V -50
KPX Oslash W -50
KPX Oslash X -40
KPX Oslash Y -50
KPX Oslash Yacute -50
KPX Oslash Ydieresis -50
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KPX Otilde Aacute -40
KPX Otilde Abreve -40
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KPX Otilde Adieresis -40
KPX Otilde Agrave -40
KPX Otilde Amacron -40
KPX Otilde Aogonek -40
KPX Otilde Aring -40
KPX Otilde Atilde -40
KPX Otilde T -40
KPX Otilde Tcaron -40
KPX Otilde Tcommaaccent -40
KPX Otilde V -50
KPX Otilde W -50
KPX Otilde X -40
KPX Otilde Y -50
KPX Otilde Yacute -50
KPX Otilde Ydieresis -50
KPX P A -85
KPX P Aacute -85
KPX P Abreve -85
KPX P Acircumflex -85
KPX P Adieresis -85
KPX P Agrave -85
KPX P Amacron -85
KPX P Aogonek -85
KPX P Aring -85
KPX P Atilde -85
KPX P a -40
KPX P aacute -40
KPX P abreve -40
KPX P acircumflex -40
KPX P adieresis -40
KPX P agrave -40
KPX P amacron -40
KPX P aogonek -40

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KPX Ydieresis Oslash -25
KPX Ydieresis Otilde -25
KPX Ydieresis a -92
KPX Ydieresis aacute -92
KPX Ydieresis abreve -92
KPX Ydieresis acircumflex -92
KPX Ydieresis adieresis -92
KPX Ydieresis agrave -92
KPX Ydieresis amacron -92
KPX Ydieresis aogonek -92
KPX Ydieresis aring -92
KPX Ydieresis atilde -92
KPX Ydieresis colon -92
KPX Ydieresis comma -92
KPX Ydieresis e -111
KPX Ydieresis eacute -111
KPX Ydieresis ecaron -111
KPX Ydieresis ecircumflex -71
KPX Ydieresis edieresis -71
KPX Ydieresis edotaccent -111
KPX Ydieresis egrave -71
KPX Ydieresis emacron -71
KPX Ydieresis eogonek -111
KPX Ydieresis hyphen -92
KPX Ydieresis i -55
KPX Ydieresis iacute -55
KPX Ydieresis iogonek -55
KPX Ydieresis o -111
KPX Ydieresis oacute -111
KPX Ydieresis ocircumflex -111
KPX Ydieresis odieresis -111
KPX Ydieresis ograve -111
KPX Ydieresis ohungarumlaut -111
KPX Ydieresis umacron -111
KPX Ydieresis oslash -111
KPX Ydieresis otilde -111
KPX Ydieresis period -74
KPX Ydieresis semicolon -92
KPX Ydieresis u -92
KPX Ydieresis uacute -92
KPX Ydieresis ucircumflex -92
KPX Ydieresis udieresis -92
KPX Ydieresis ugrave -92
KPX Ydieresis uhungarumlaut -92
KPX Ydieresis umacron -92
KPX Ydieresis uogonek -92
KPX Ydieresis uring -92
KPX b b -10
KPX b period -40
KPX b u -20
KPX b uacute -20
KPX b ucircumflex -20
KPX b udieresis -20
KPX b ugrave -20
KPX b uhungarumlaut -20
KPX b umacron -20
KPX b uogonek -20
KPX b uring -20
KPX c h -10
KPX c k -10
KPX c kcommaaccent -10
KPX cacute h -10
KPX cacute k -10
KPX cacute kcommaaccent -10
KPX ccaron h -10
KPX ccaron k -10
KPX ccaron kcommaaccent -10
KPX ccedilla h -10
KPX ccedilla k -10
KPX ccedilla kcommaaccent -10
KPX comma quotedblright -95
KPX comma quoteright -95
KPX e b -10
KPX eacute b -10
KPX eacute k -10
KPX eacute kcommaaccent -10
KPX ecircumflex b -10
KPX edieresis b -10
KPX edotaccent b -10
KPX egrave b -10
KPX emacron b -10
KPX eogonek b -10
KPX f comma -10
KPX f dotlessi -30
KPX f e -10
KPX f eacute -10
KPX f edotaccent -10
KPX f eogonek -10
KPX f f -18
KPX f o -10
KPX f oacute -10
KPX f ocircumflex -10
KPX f ograve -10
KPX f ohungarumlaut -10
KPX f oslash -10
KPX f otilde -10
KPX f period -10
KPX v edotaccent -15
KPX v egrave -15
KPX v emacron -15
KPX v eogonek -15
KPX v o -15
KPX v oacute -15
KPX v ocircumflex -15
KPX v odiereis -15
KPX v ograve -15
KPX v ohungarumlaut -15
KPX v omacron -15
KPX v oslash -15
KPX v otilde -15
KPX v period -37
KPX w a -10
KPX w aacute -10
KPX w abreve -10
KPX w acircumflex -10
KPX w adieresis -10
KPX w agrave -10
KPX w amacron -10
KPX w aogonek -10
KPX w aring -10
KPX w atilde -10
KPX w comma -37
KPX w e -10
KPX w eacute -10
KPX w ecaron -10
KPX w ecircumflex -10
KPX w edieresis -10
KPX w edotaccent -10
KPX w egrave -10
KPX w emacron -10
KPX w eogonek -10
KPX w o -15
KPX w oacute -15
KPX w ocircumflex -15
KPX w odieresis -15
KPX w ograve -15
KPX w ohungarumlaut -15
KPX w omacron -15
KPX w oslash -15
KPX w otilde -15
KPX w period -37
KPX x e -10
KPX x eacute -10
KPX x ecaron -10
KPX x ecircumflex -10
Open Source Used In MKS Edge 1.6.0 1.6.0.268 3549
Open Source Used In MKS Edge 1.6.0 1.6.0.268 3553
# from http://www.huyng.com/posts/sane-color-scheme-for-matplotlib/

patch.linewidth: 0.5
patch.facecolor: 348ABD  # blue
patch.edgecolor: EEEEEE
patch.antialiased: True
font.size: 10.0

axes.facecolor: E5E5E5
axes.edgecolor: white
axes.linewidth: 1
axes.grid: True
axes.titlesize: x-large
axes.labelsize: large
axes.labelcolor: 555555
axes.axisbelow: True       # grid/ticks are below elements (e.g., lines, text)

axes.prop_cycle: cycler('color', ['E24A33', '348ABD', '988ED5', '777777', 'FBC15E', '8EBA42', 'FFB5B8'])
# E24A33 : red
xtick.color: 555555
xtick.direction: out

ytick.color: 555555
ytick.direction: out

grid.color: white
grid.linestyle: -  # solid line

figure.facecolor: white
figure.edgecolor: 0.50

#348ABD : blue
#988ED5 : purple
#777777 : gray
#FBC15E : yellow
#8EBA42 : green
#FFB5B8 : pink

!$$"2!*
2)*>>HTUF81%(S%, 4$$!"$$!"'
%:+9S!QJ" &"#*5'##68731/+.01)#%$$ 3*.)
*8XM:('"&/6"-9:1)%##!+60")&ET<$$+
"$*)$}

(--#34 #Q
/*:!

'$"$$

%(0%.7)6+

()"$% "## !,.=A,I]U1&+. ":"$*/&)##! #)/+))"3=:. &EWK/!!%-.
,%"&###&$$)##%++)2/1-.+-30,(&%&%)
1.5WU3)!!

(("!# %+!/+3662/0244349=><9:>A@<86421121-)&&""74"^"d>$!%(/2## $&)-258:==>:AFGBDGORNGAAJUZWOHDA@ @BB;1*)-0/(#*$nxS%#
$/% $+(048=ACCGLOQTVPZRa YROQVZJZOKHGPRLB:9840,,&(8+, HV-%&,,.05<BEFGHLScfggecdilfXJdfb_^\WPKMU_fdZRNKC7//0.)%#725%4UM,(U"$4;::>CHKMQW_inoorusnlmi^V\kxzupnh\RP|kwvngd_SD:655431.$=G70_X3"+-

Open Source Used In MKS Edge 1.6.0 1.6.0.268 3555
9fqO8258<@ACEHKKF<$CMD3=UMBXaejc0<Pa/A/3)shob^WMMUW17.#:;CEHKMPSVXXY[^_IWUQJCFFNCC3($ S
4 vT8.2;@ @EIGEHKE<@T[4-WiV,6aurgaPCG^b0(804[8eb^R'<
4FONJJKLNSXYXZWTWPG?>BD?&-&
#NutR3^:ADHOQFLHFJD=G^&2^M="W[yg"^RELaUSCJ
15%,fxyxwvdb
.FZa\QIHJHINTVWTTTUURK@#99=A?:^?
#GhuiM4+3@IJKNMGBDAE\Qg\5YQELF:v]h[WNE0bD$]/1"^amC
%.5IY_\UQNJKJNPPPQQRTRG5:2=FGc=7/
4PlUIF?7>GIJLRRJBAACXIV|=V=>U"TiYPHGVB4!nb.+"XoB"*2!IPTVUTUVVSPMLLMNPPPRWXL8)(2=DB;64$\,LWL?9>FKIGLSSKDBBI\hASXIL8VYZ@SSLEHZ^xT+&Oj">?;9:<@IU^VXTOKJHIHMRWYRC614>FD;343"

\GOE::CJGIPSMC=>@CPaj/A/gJ39NR:;EHQaZS(xz<
="/?GI@*^THJC<=CMV][XRHIHFCIDLOERTOF=77*ED:0.0*8
$/?!@9=CD<\GUWMC?>>DVcM*MriK9>F9$4FV_J4ui*3'wk*>6jpg<623>LV[j\WPLKIC?@CEFJOPKB:69@CA<984-(&% %DLA9;@9=9=N][LBBBJ\d=+wgPLUU="^Y=?*wg)
$amC+,@NKB:29IQSTVVTRQNIEFFCCGLNKE@ADFGGC<3,**#

(DOG)>>@5:MIW[@=]:=Lbc32jiWKTeC

=\NKB>:51;NXRF=@9?Tj_8*bN@H_hP*$2P6LpN$oZ*>SRD4,1?JRSQQTVTQPOLIJNOI?CGD=9;CJJC<765.##%}

.AC:3.+/'RWND?=9FjDH5?LDG<8H/S09:IT+ToG\p:6R^\SE52ASXTMKNNPPOPPPQTPPJEEOB><BEFB=986/
&!#/3EE9\=\=(LPCJC::BWIA9^\EE0.EO<%8/7H\Nd&7
%H &[D&B]nuqzt/80^XPLKLOSVVRPPNHCCGGIDDDG@8554.(+),&%\$9E@2)(.7AGGECCHXkL.*6B%&1TE4($KLScg0&$|ZyN8=NutzM02@KU\WOJOJOSTRTSQLFBGJHHLLD7/154.*,-
(%"^=5+$08>@BELS\ZbBL%
&/@
4cO2%CD%ja&
/\%?zbYZX*9q103@JU_aXMKOOJGMYVYSSQMFE?=AEIMNH=41341.0561)%&J1<B1'(369@KV\UC%#.*
Open Source Used In MKS Edge 1.0.0.268 3562
Open Source Used In MKS Edge 1.6.0 1.6.0.268 3563
C -1 ; WX 280 ; N Iacute ; B 72 0 494 1019 ;
C -1 ; WX 600 ; N plusminus ; B 37 -62 626 556 ;
C -1 ; WX 600 ; N multiply ; B 76 12 617 494 ;
C -1 ; WX 520 ; N Eacute ; B 61 0 596 1019 ;
C -1 ; WX 620 ; N Ydieresis ; B 135 0 759 939 ;
C -1 ; WX 336 ; N onesuperior ; B 182 296 360 740 ;
C -1 ; WX 600 ; N ugrave ; B 87 -18 647 851 ;
C -1 ; WX 600 ; N logicalnot ; B 105 108 624 767 ;
C -1 ; WX 840 ; N Otilde ; B 95 -15 882 937 ;
C -1 ; WX 780 ; N Ccedilla ; B 97 -251 864 755 ;
C -1 ; WX 740 ; N Agrave ; B 7 0 732 1021 ;
C -1 ; WX 840 ; N onehalf ; B 157 0 830 740 ;
C -1 ; WX 742 ; N Eth ; B 83 0 766 740 ;
C -1 ; WX 400 ; N degree ; B 160 426 451 712 ;
C -1 ; WX 620 ; N Yacute ; B 135 0 759 1019 ;
C -1 ; WX 840 ; N Ocircumflex ; B 95 -15 882 944 ;
C -1 ; WX 640 ; N oacute ; B 71 -18 672 849 ;
C -1 ; WX 576 ; N mu ; B 3 -187 642 555 ;
C -1 ; WX 600 ; N minus ; B 84 193 610 313 ;
C -1 ; WX 640 ; N Eth ; B 73 -18 699 754 ;
C -1 ; WX 640 ; N oacute ; B 71 -18 672 769 ;
C -1 ; WX 740 ; N copyright ; B 50 -12 827 752 ;
C -1 ; WX 600 ; N brokenbar ; B 214 -100 503 740 ;

EndCharMetrics
StartKernData
StartKernPairs 218

KPX A y -50
KPX A w -65
KPX A v -70
KPX A u -20
KPX A quotright -90
KPX A Y -80
KPX A W -60
KPX A V -102
KPX A U -40
KPX A T -25
KPX A Q -50
KPX A O -50
KPX A G -40
KPX A C -40

KPX B A -10

KPX C A -40
KPX D period -20
KPX D comma -20
KPX D Y -45
KPX D W -25
KPX D V -50
KPX D A -50

KPX F period -129
KPX F e -20
KPX F comma -162
KPX F a -20
KPX F A -75

KPX G period -20
KPX G comma -20
KPX G Y -15

KPX J period -15
KPX J a -20
KPX J A -30

KPX K y -20
KPX K u -15
KPX K o -45
KPX K e -40
KPX K O -30

KPX L y -23
KPX L quoteright -30
KPX L quotedblright -30
KPX L Y -80
KPX L W -55
KPX L V -85
KPX L T -46

KPX O period -30
KPX O comma -30
KPX O Y -30
KPX O X -30
KPX O W -20
KPX O V -45
KPX O T -15
KPX O A -60

KPX P period -200
KPX P o -20
KPX P e -20
KPX P comma -220
KPX P a -20
KPX P A -100

KPX Q comma 20

KPX R W 25
KPX R V -10
KPX R U 25
KPX R T 40
KPX R O 25

KPX S comma 20

KPX T y -10
KPX T w -55
KPX T u -46
KPX T semicolon -29
KPX T r -30
KPX T period -91
KPX T o -49
KPX T hyphen -75
KPX T e -49
KPX T comma -82
KPX T colon -15
KPX T a -70
KPX T O -15
KPX T A -25

KPX U period -20
KPX U comma -20
KPX U A -40

KPX V u -55
KPX V semicolon -33
KPX V period -145
KPX V o -101
KPX V i -15
KPX V hyphen -75
KPX V e -101
KPX V comma -145
KPX V colon -18
KPX V a -95
KPX V O -45
KPX V G -20
KPX V A -102

KPX W y -15
KPX W u -30
KPX y c -35
KPX y a -30
EndKernPairs
EndKernData
StartComposites 56
CC Aacute 2 ; PCC A 0 0 ; PCC acute 192 170 ;
CC Acircumflex 2 ; PCC A 0 0 ; PCC circumflex 132 170 ;
CC Adieresis 2 ; PCC A 0 0 ; PCC dieresis 152 170 ;
CC Agrave 2 ; PCC A 0 0 ; PCC grave 192 170 ;
CC Aring 2 ; PCC A 0 0 ; PCC ring 215 135 ;
CC Atilde 2 ; PCC A 0 0 ; PCC tilde 162 170 ;
CC Eacute 2 ; PCC E 0 0 ; PCC acute 82 170 ;
CC Ecircumflex 2 ; PCC E 0 0 ; PCC circumflex 22 170 ;
CC Edieresis 2 ; PCC E 0 0 ; PCC dieresis 42 170 ;
CC Egrave 2 ; PCC E 0 0 ; PCC grave 82 170 ;
CC Iacute 2 ; PCC I 0 0 ; PCC acute -13 170 ;
CC Icircumflex 2 ; PCC I 0 0 ; PCC circumflex -98 170 ;
CC Idieresis 2 ; PCC I 0 0 ; PCC dieresis -78 170 ;
CC Igrave 2 ; PCC I 0 0 ; PCC grave -63 170 ;
CC Ntilde 2 ; PCC N 0 0 ; PCC tilde 162 170 ;
CC Oacute 2 ; PCC O 0 0 ; PCC acute 242 170 ;
CC Ocircumflex 2 ; PCC O 0 0 ; PCC circumflex 182 170 ;
CC Odieresis 2 ; PCC O 0 0 ; PCC dieresis 202 170 ;
CC Ograve 2 ; PCC O 0 0 ; PCC grave 242 170 ;
CC Iacute 2 ; PCC I 0 0 ; PCC acute -65 0 ;
CC Icircumflex 2 ; PCC I 0 0 ; PCC circumflex -150 0 ;
CC Idieresis 2 ; PCC I 0 0 ; PCC dieresis -130 0 ;
CC Igrave 2 ; PCC I 0 0 ; PCC grave -115 0 ;
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KPX F i 10
KPX F comma -30

KPX G period -20
KPX G comma -10

KPX J period -20
KPX J comma -10

KPX K u -20
KPX K o -20
KPX K e -20

KPX L y -10
KPX L quoteright -25
KPX L quotedblright -25
KPX L W -10
KPX L V -20

KPX O period -20
KPX O comma -10
KPX O Y 10
KPX O T 20
KPX O A -20

KPX P period -50
KPX P o -10
KPX P e -10
KPX P comma -40
KPX P a -20
KPX P A -10

KPX Q U -10

KPX R Y 10
KPX R W 10
KPX R T 20

KPX T o -20
KPX T i 20
KPX T hyphen -20
KPX T h 20
KPX T e -20
KPX T a -20
KPX T O 30
KPX T A 10

KPX V period -100
KPX v comma -20

KPX w period -30
KPX w o 10
KPX w h 20
KPX w comma -20
EndKernPairs
EndKernData
StartComposites 56
CC Aacute 2 ; PCC A 0 0 ; PCC acute 280 162 ;
CC Acircumflex 2 ; PCC A 0 0 ; PCC circumflex 240 172 ;
CC Adieresis 2 ; PCC A 0 0 ; PCC dieresis 240 152 ;
CC Agrave 2 ; PCC A 0 0 ; PCC grave 250 162 ;
CC Aring 2 ; PCC A 0 0 ; PCC ring 260 172 ;
CC Atilde 2 ; PCC A 0 0 ; PCC tilde 180 152 ;
CC Eacute 2 ; PCC E 0 0 ; PCC acute 230 162 ;
CC Ecircumflex 2 ; PCC E 0 0 ; PCC circumflex 180 172 ;
CC Edieresis 2 ; PCC E 0 0 ; PCC dieresis 170 152 ;
CC Egrave 2 ; PCC E 0 0 ; PCC grave 220 162 ;
CC Iacute 2 ; PCC I 0 0 ; PCC acute 110 162 ;
CC Icircumflex 2 ; PCC I 0 0 ; PCC circumflex 60 172 ;
CC Idieresis 2 ; PCC I 0 0 ; PCC dieresis 50 152 ;
CC Igrave 2 ; PCC I 0 0 ; PCC grave 100 162 ;
CC Ntilde 2 ; PCC N 0 0 ; PCC tilde 90 142 ;
CC Oacute 2 ; PCC O 0 0 ; PCC acute 150 162 ;
CC Ocircumflex 2 ; PCC O 0 0 ; PCC circumflex 130 172 ;
CC Odieresis 2 ; PCC O 0 0 ; PCC dieresis 120 152 ;
CC Ograve 2 ; PCC O 0 0 ; PCC grave 150 162 ;
CC Uacute 2 ; PCC U 0 0 ; PCC acute 310 162 ;
CC Ucircumflex 2 ; PCC U 0 0 ; PCC circumflex 260 172 ;
CC Udieresis 2 ; PCC U 0 0 ; PCC dieresis 260 152 ;
CC Yacute 2 ; PCC Y 0 0 ; PCC acute 220 162 ;
CC Ydieresis 2 ; PCC Y 0 0 ; PCC dieresis 170 152 ;
CC Zcaron 2 ; PCC Z 0 0 ; PCC caron 130 172 ;
CC aacute 2 ; PCC a 0 0 ; PCC acute 70 0 ;
CC acircumflex 2 ; PCC a 0 0 ; PCC circumflex 20 0 ;
CC adieresis 2 ; PCC a 0 0 ; PCC dieresis 10 0 ;
CC agrave 2 ; PCC a 0 0 ; PCC grave 80 0 ;
CC aring 2 ; PCC a 0 0 ; PCC ring 60 0 ;
CC atilde 2 ; PCC a 0 0 ; PCC tilde 0 0 ;
CC eacute 2 ; PCC e 0 0 ; PCC acute 40 0 ;
CC ecircumflex 2 ; PCC e 0 0 ; PCC circumflex -10 0 ;
CC edieresis 2 ; PCC e 0 0 ; PCC dieresis -20 0 ;
CC egrave 2 ; PCC e 0 0 ; PCC grave 30 0 ;
CC iacute 2 ; PCC dotlessi 0 0 ; PCC acute -30 0 ;
Open Source Used In MKS Edge 1.6.0 1.6.0.268 3593
KPX L W -15
KPX L V -19
KPX L T -26

KPX P period -105
KPX P comma -98
KPX P A -31

KPX R y 27
KPX R Y 4
KPX R W -4
KPX R V -8
KPX R T -3

KPX T y 56
KPX T w 69
KPX T u 42
KPX T semicolon 31
KPX T s -1
KPX T r 41
KPX T period -107
KPX T o -5
KPX T i 42
KPX T hyphen -20
KPX T e -10
KPX T comma -100
KPX T colon 26
KPX T c -8
KPX T a -8
KPX T A -42

KPX V y 17
KPX V u -1
KPX V semicolon -22
KPX V r 2
KPX V period -115
KPX V o -50
KPX V i 32
KPX V hyphen -20
KPX V e -50
KPX V comma -137
KPX V colon -28
KPX V a -50
KPX V A -50

KPX W y -51
KPX W u -69
KPX W semicolon -81
Open Source Used In MKS Edge 1.6.0 1.6.0.268 3599
EndCharMetrics
StartKernData
StartKernPairs 283

KPX A y -55
KPX A w -55
KPX A v -55
KPX A u -20
KPX A quoterright -37
KPX A quotedblright 0
KPX A p 0
KPX A Y -55
KPX A W -95
KPX A V -105
KPX A U -50
KPX A T -37
KPX A Q -40
KPX A O -40
KPX A G -35
KPX A C -30

KPX B period 0
KPX B comma 0
KPX B U -10
KPX B A -25

KPX D period 0
KPX D comma 0
KPX D Y -40
KPX D W -40
KPX D V -40
KPX D A -35
KPX F r -55
KPX F period -135
KPX F o -105
KPX F i -45
KPX F e -75
KPX F comma -135
KPX F a -75
KPX F A -115

KPX G period 0
KPX G comma 0

KPX J u -35
KPX J period -25
KPX J o -25
KPX J e -25
KPX J comma -25
KPX J a -35
KPX J A -40

KPX K y -40
KPX K u -40
KPX K o -40
KPX K e -35
KPX K O -50

KPX L y -30
KPX L quoteright -37
KPX L quotedblright 0
KPX L Y -20
KPX L W -55
KPX L V -55
KPX L T -20

KPX N period 0
KPX N comma 0
KPX N A -27

KPX O period 0
KPX O comma 0
KPX O Y -50
KPX O X -40
KPX O W -50
KPX O V -50
KPX O T -40
KPX O A -55
Open Source Used In MKS Edge 1.6.0 1.6.0.268 3619
knN*W
',\Mc\KtDZlruAjkOdahUS\$\O(5^)"yra^]9:n6|odHhn][
|aZ;2B\'^/1r{'!s%\u[r=bjHf-nt#<\u:/RKN6G K][|\rW:

+Q#W+1'5b>cE@3d\u<s/7|z\OauW%/\Nj6dFWuamxyb29/gSZXk^shq==]NK@\,fcfo\$\Tr^{>\K+]R\U:1p:-
-Hua3^,\+h8G].[FUOOp tfr8[#5RQ,>q=GOp]\lfF<ZsPUx{GV
9udq\bC#>$[@vxGZb.T~SU*WtF2e?:
=%GL{`Q\x\xqg]0a$r8|&c^;\,.GJ;6<7k6+Lp<}]=R\{9#dv ]FE\Nu]-
YIP]JdxJl}\->K^\LVW4W@=-K:WOAcp7x\:JsO7 e^8vpU8gGaQsmp.T=EWh
R=9hiJ1k][xqY[:\\K]59IYgQ$:\E#^\x\:\iKiD?9_anl*a[GyYg"U!_Y+TmU8:(\WB;\y%:o \Cc7",!X0Rm|
p50R@S6/9zT|xpG0G.k'7x&M.jK
1a
yU\W't"d%]\}ePs9xyiS]\QA'[\?D2q:\b9c^F]\{yH]\#76;X(=QRS=-KDnMw<\?u15
^<CF4z]\&H#\?Y\d\I\?\?PKDo:JXdx.npyPZ\nnf_TRUNC
wK\Ngs:

(\_F?o[PKDgJx\nax.npyPZ\nfnf_TRUNC
wK\Ngs:

(+?PKDo:JXdy.npyPZ\nfnf_TRUNC
wK\Ngs:

(\_F?o[PKDgJx\nax.npyPZ\nfnf_TRUNC
wK\Ngs:

(Kd*PKDgJx\nmin.npyPZ\nfnf_TRUNC
wK\Ngs:

(+YX'PKDEIJXymax.npyPZ\nfnf_TRUNC
wK\Ngs:

(u9PKD\nKDEIJXymax.npyPZ\nfnf_TRUNC
wK\Ngs:

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DAMAGE.

StartFontMetrics 4.1
Comment Creation Date: Mon Jun 23 16:28:46 1997
Comment UniqueID 43049
Comment VMusage 17529 79244
FontName Courier-BoldOblique
FullName Courier Bold Oblique
FamilyName Courier
Weight Bold
ItalicAngle -12
IsFixedPitch true
CharacterSet ExtendedRoman
FontBBox -57 -250 869 801
UnderlinePosition -100
UnderlineThickness 50
Version 003.000
EncodingScheme AdobeStandardEncoding
CapHeight 562
XHeight 439
Ascender 629
Descender -157
StdHW 84
StdVW 106
StartCharMetrics 315
C 32 ; WX 600 ; N space ; B 0 0 0 0 ;
C 33 ; WX 600 ; N exclaim ; B 215 -15 495 572 ;
C 34 ; WX 600 ; N quotedbl ; B 211 277 585 562 ;
C 35 ; WX 600 ; N numbersign ; B 88 -45 641 651 ;
C 36 ; WX 600 ; N dollar ; B 87 -126 630 666 ;
C 37 ; WX 600 ; N percent ; B 101 -15 625 616 ;
C 38 ; WX 600 ; N ampersand ; B 61 -15 595 543 ;
C 39 ; WX 600 ; N quoteright ; B 229 277 543 562 ;
C 40 ; WX 600 ; N parenleft ; B 265 -102 592 616 ;
C 41 ; WX 600 ; N parenright ; B 117 -102 444 616 ;
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Open Source Used In MKS Edge 1.6.0 1.6.0.268 3653
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Open Source Used in MKS Edge 1.6.0 1.6.0.268 3661
KPX G period 0
KPX G comma 0

KPX J u 0
KPX J period 0
KPX J o 0
KPX J e 0
KPX J comma 0
KPX J a 0
KPX J A -60

KPX K y -25
KPX K u -15
KPX K o -35
KPX K e -25
KPX K O -30

KPX L y -55
KPX L quotientright -92
KPX L quotedblright 0
KPX L Y -100
KPX L W -74
KPX L V -100
KPX L T -92

KPX N period 0
KPX N comma 0
KPX N A -35

KPX O period 0
KPX O comma 0
KPX O Y -50
KPX O X -40
KPX O W -35
KPX O V -50
KPX O T -40
KPX O A -35

KPX P period -111
KPX P o 0
KPX P e 0
KPX P comma -111
KPX P a -15
KPX P A -92

KPX Q period 0
KPX Q comma 0
KPX Q U -10
KPX W semicolon -37
KPX W period -92
KPX W o -80
KPX W i -40
KPX W hyphen -65
KPX W h 0
KPX W e -80
KPX W comma -92
KPX W colon -37
KPX W a -80
KPX W O -10
KPX W A -120

KPX Y u -111
KPX Y semicolon -92
KPX Y period -129
KPX Y o -110
KPX Y i -55
KPX Y hyphen -111
KPX Y e -100
KPX Y comma -129
KPX Y colon -92
KPX Y a -100
KPX Y O -30
KPX Y A -120

KPX a y 0
KPX a w -15
KPX a v -20
KPX a t 0
KPX a p 0
KPX a g 0
KPX a b 0

KPX b y 0
KPX b v -15
KPX b u -20
KPX b period -40
KPX b l 0
KPX b comma 0
KPX b b 0

KPX c y -15
KPX c period 0
KPX c l 0
KPX c k 0
KPX c h 0
KPX c comma 0
KPX i v -25
KPX k y -15
KPX k o -10
KPX k e -10

KPX l y 0
KPX l w -10

KPX m y 0
KPX m u 0

KPX n y -15
KPX n v -40
KPX n u 0

KPX o y -10
KPX o x 0
KPX o w -25
KPX o v -15
KPX o g 0

KPX p y -10

KPX period quoteright -70
KPX period quotedblright -70

KPX quotedblleft quoteleft 0
KPX quotedblleft A -80

KPX quotedblright space 0

KPX quoteleft quoteleft -74
KPX quoteleft A -80

KPX quoteright v -50
KPX quoteright t -18
KPX quoteright space -74
KPX quoteright s -55
KPX quoteright r -50
KPX quoteright quoteright -74
KPX quoteright quotedblright 0
KPX quoteright l -10
KPX quoteright d -50

KPX r y 0
KPX r v 0
KPX r u 0
KPX r t 0
KPX r s 0
KPX r r 0
KPX r q 0
KPX r period -55
KPX r p 0
KPX r o 0
KPX r n 0
KPX r m 0
KPX r l 0
KPX r k 0
KPX r i 0
KPX r hyphen -20
KPX r g -18
KPX r e 0
KPX r d 0
KPX r comma -40
KPX r c 0
KPX r a 0

KPX s w 0

KPX space quoteleft 0
KPX space quotedblleft 0
KPX space Y -90
KPX space W -30
KPX space V -50
KPX space T -18
KPX space A -55

KPX v period -65
KPX v o -20
KPX v e -15
KPX v comma -65
KPX v a -25

KPX w period -65
KPX w o -10
KPX w h 0
KPX w e 0
KPX w comma -65
KPX w a -10

KPX x e -15

KPX y period -65
KPX y o 0
KPX y e 0
KPX y comma -65
KPX y a 0

KPX z o 0
KPX z e 0
EndKernPairs
EndKernData
StartComposites 58
CC Aacute 2 ; PCC A 0 0 ; PCC acute 195 212 ;
CC Acircumflex 2 ; PCC A 0 0 ; PCC circumflex 195 212 ;
CC Adieresis 2 ; PCC A 0 0 ; PCC dieresis 195 212 ;
CC Agrave 2 ; PCC A 0 0 ; PCC grave 195 212 ;
CC Aring 2 ; PCC A 0 0 ; PCC ring 185 187 ;
CC Atilde 2 ; PCC A 0 0 ; PCC tilde 195 212 ;
CC Ccedilla 2 ; PCC C 0 0 ; PCC cedilla 167 0 ;
CC Eacute 2 ; PCC E 0 0 ; PCC acute 139 212 ;
CC Ecircumflex 2 ; PCC E 0 0 ; PCC circumflex 139 212 ;
CC Edieresis 2 ; PCC E 0 0 ; PCC dieresis 139 212 ;
CC Egrave 2 ; PCC E 0 0 ; PCC grave 139 212 ;
CC Iacute 2 ; PCC I 0 0 ; PCC acute 0 212 ;
CC Icircumflex 2 ; PCC I 0 0 ; PCC circumflex 0 212 ;
CC Idieresis 2 ; PCC I 0 0 ; PCC dieresis 0 212 ;
CC Igrave 2 ; PCC I 0 0 ; PCC grave 0 212 ;
CC Ntilde 2 ; PCC N 0 0 ; PCC tilde 195 212 ;
CC Oacute 2 ; PCC O 0 0 ; PCC acute 195 212 ;
CC Ocircumflex 2 ; PCC O 0 0 ; PCC circumflex 195 212 ;
CC Odieresis 2 ; PCC O 0 0 ; PCC dieresis 195 212 ;
CC Ograve 2 ; PCC O 0 0 ; PCC grave 195 212 ;
CC Otilde 2 ; PCC O 0 0 ; PCC tilde 195 212 ;
CC Scaron 2 ; PCC S 0 0 ; PCC caron 112 212 ;
CC Uacute 2 ; PCC U 0 0 ; PCC acute 195 212 ;
CC Ucircumflex 2 ; PCC U 0 0 ; PCC circumflex 195 212 ;
CC Udieresis 2 ; PCC U 0 0 ; PCC dieresis 195 212 ;
CC Ugrave 2 ; PCC U 0 0 ; PCC grave 195 212 ;
CC Yacute 2 ; PCC Y 0 0 ; PCC acute 195 212 ;
CC Ydieresis 2 ; PCC Y 0 0 ; PCC dieresis 195 212 ;
CC Zcaron 2 ; PCC Z 0 0 ; PCC caron 139 212 ;
CC aacute 2 ; PCC a 0 0 ; PCC acute 56 0 ;
CC acircumflex 2 ; PCC a 0 0 ; PCC circumflex 56 0 ;
CC adieresis 2 ; PCC a 0 0 ; PCC dieresis 56 0 ;
CC agrave 2 ; PCC a 0 0 ; PCC grave 56 0 ;
CC aring 2 ; PCC a 0 0 ; PCC ring 56 0 ;
CC atilde 2 ; PCC a 0 0 ; PCC tilde 56 0 ;
CC ccedilla 2 ; PCC c 0 0 ; PCC cedilla 56 0 ;
CC eacute 2 ; PCC e 0 0 ; PCC acute 56 0 ;
CC ecircumflex 2 ; PCC e 0 0 ; PCC circumflex 56 0 ;
CC edieresis 2 ; PCC e 0 0 ; PCC dieresis 56 0 ;
CC egrave 2 ; PCC e 0 0 ; PCC grave 56 0 ;
### Classic matplotlib plotting style as of v1.5

#### LINES

```
# See http://matplotlib.org/api/artist_api.html#module-matplotlib.lines for more
# information on line properties.
lines.linewidth : 1.0     # line width in points
lines.linestyle : -       # solid line
lines.color      : b       # has no affect on plot(); see axes.prop_cycle
lines.marker     : None    # the default marker
lines.markeredgewidth  : 0.5     # the line width around the marker symbol
lines.markersize : 6            # markersize, in points
lines.dash_joinstyle : round  # miter|round|bevel
lines.dash_capstyle : butt   # butt|round|projecting
lines.solid_joinstyle : round  # miter|round|bevel
lines.solid_capstyle : projecting # butt|round|projecting
lines.antialiased : True     # render lines in antialiased (no jaggies)
lines.dashed_pattern : 6, 6
lines.dashdot_pattern : 3, 5, 1, 5
lines.dotted_pattern : 1, 3
lines.scale_dashes: False
```

#### Marker props

```
markers.fillstyle: full
```

#### PATCHES

```
# Patches are graphical objects that fill 2D space, like polygons or
# circles. See
```
## Information on patch properties

- `patch.linewidth`: 1.0  # edge width in points
- `patch.facecolor`: b
- `patch.force_edgecolor`: True
- `patch.edgecolor`: k
- `patch.antialiased`: True  # render patches in antialiased (no jaggies)

- `hatch.color`: k
- `hatch.linewidth`: 1.0

### FONT

- font properties used by text.Text. See
- http://matplotlib.org/api/font_manager_api.html for more
- information on font properties. The 6 font properties used for font
- matching are given below with their default values.

- The `font.family` property has five values: 'serif' (e.g., Times),
- 'sans-serif' (e.g., Helvetica), 'cursive' (e.g., Zapf-Chancery),
- 'fantasy' (e.g., Western), and 'monospace' (e.g., Courier). Each of
- these font families has a default list of font names in decreasing
- order of priority associated with them. When `text.usetex` is False,
- `font.family` may also be one or more concrete font names.

- The `font.style` property has three values: normal (or roman), italic
- or oblique. The oblique style will be used for italic, if it is not
- present.

- The `font.variant` property has two values: normal or small-caps. For
- TrueType fonts, which are scalable fonts, small-caps is equivalent
- to using a font size of 'smaller', or about 83% of the current font
- size.

- The `font.weight` property has effectively 13 values: normal, bold,
- bolder, lighter, 100, 200, 300, ..., 900. Normal is the same as
- 400, and bold is 700. bolder and lighter are relative values with
- respect to the current weight.

- The `font.stretch` property has 11 values: ultra-condensed,
- extra-condensed, condensed, semi-condensed, normal, semi-expanded,
- expanded, extra-expanded, ultra-expanded, wider, and narrower. This
- property is not currently implemented.

- The `font.size` property is the default font size for text, given in pts.
- 12pt is the standard value.
font.family : sans-serif
font.style : normal
font.variant : normal
font.weight : normal
font.stretch : normal

# note that font.size controls default text sizes. To configure
# special text sizes tick labels, axes, labels, title, etc, see the rc
# settings for axes and ticks. Special text sizes can be defined
# relative to font.size, using the following values: xx-small, x-small,
# small, medium, large, x-large, xx-large, larger, or smaller
font.size : 12.0

font.sans-serif: DejaVu Sans, Lucida Grande, Verdana, Geneva, Lucid, Arial, Helvetica, Avant Garde, sans-serif
font.cursive : Apple Chancery, Textile, Zapf Chancery, Sand, Script MT, Felipa, cursive
font.fantasy : Comic Sans MS, Chicago, Charcoal, ImpactWestern, Humor Sans, fantasy
font.monospace : DejaVu Sans Mono, Andale Mono, Nimbus Mono L, Courier New, Courier, Fixed, Terminal, monospace

### TEXT

# text properties used by text.Text. See
# http://matplotlib.org/api/artist_api.html#module-matplotlib.text for more
# information on text properties

text.color : k

### LaTeX customizations. See http://www.scipy.org/Wiki/Cookbook/Matplotlib/UsingTex
text.usetex : False # use latex for all text handling. The following fonts
# are supported through the usual rc parameter settings:
# new century schoolbook, bookman, times, palatino,
# zapf chancery, charter, serif, sans-serif, helvetica,
# avant garde, courier, monospace, computer modern roman,
# computer modern sans serif, computer modern typewriter
# If another font is desired which can loaded using the
# LaTeX \usepackage command, please inquire at the
# matplotlib mailing list
text.latex.unicode : False # use "ucs" and "inputenc" LaTeX packages for handling
# unicode strings.
text.latex.preamble : # IMPROPER USE OF THIS FEATURE WILL LEAD TO LATEX FAILURES
# AND IS THEREFORE UNSUPPORTED. PLEASE DO NOT ASK FOR HELP
# IF THIS FEATURE DOES NOT DO WHAT YOU EXPECT IT TO.
# preamble is a comma separated list of LaTeX statements
# that are included in the LaTeX document preamble.
# An example:
# text.latex.preamble : \usepackage{bm},\usepackage{euler}
# The following packages are always loaded with usetex, so
# beware of package collisions: color, geometry, graphicx.
text.latex.preview : False

text.hinting : auto  # May be one of the following:
  # 'none': Perform no hinting
  # 'auto': Use freetype's autohinter
  # 'native': Use the hinting information in the
  # font file, if available, and if your
  # freetype library supports it
  # 'either': Use the native hinting information,
  # or the autohinter if none is available.
  # For backward compatibility, this value may also be
  # True == 'auto' or False == 'none'.
text.hinting_factor : 8 # Specifies the amount of softness for hinting in the
  # horizontal direction. A value of 1 will hint to full
  # pixels. A value of 2 will hint to half pixels etc.

text.antialiased : True  # If True (default), the text will be antialiased.
  # This only affects the Agg backend.

# The following settings allow you to select the fonts in math mode.
# They map from a TeX font name to a fontconfig font pattern.
# These settings are only used if mathtext.fontset is 'custom'.
# Note that this "custom" mode is unsupported and may go away in the
# future.
mathtext.cal : cursive
mathtext.rm : serif
mathtext.tt : monospace
mathtext.it : serif:italic
mathtext.bf : serif:bold
mathtext.sf : sans-serif
mathtext.fontset : cm  # Should be 'cm' (Computer Modern), 'stix',
  # 'stixsans' or 'custom'
mathtext.fallback_to_cm : True  # When True, use symbols from the Computer Modern
  # fonts when a symbol can not be found in one of
  # the custom math fonts.

mathtext.default : it  # The default font to use for math.
  # Can be any of the LaTeX font names, including
  # the special name "regular" for the same font
  # used in regular text.

### AXES
# default face and edge color, default tick sizes,
# default fontsizes for ticklabels, and so on. See
# http://matplotlib.org/api/axes_api.html#module-matplotlib.axes
axes.facecolor : w  # axes background color
axes.edgecolor : k       # axes edge color
axes.linewidth : 1.0     # edge linewidth
axes.grid : False      # display grid or not
axes.grid.which : major
axes.grid.axis : both
axes.titlesize : large  # fontsize of the axes title
axes.titlepad : 5.0     # pad between axes and title in points
axes.titleweight : normal # font weight for axes title
axes.labelsize : medium # fontsize of the x any y labels
axes.labelpad : 5.0     # space between label and axis
axes.labelweight : normal # weight of the x and y labels
axes.labelcolor : k
axes.axisbelow : False   # whether axis gridlines and ticks are below
# the axes elements (lines, text, etc)

axes.formatter.limits : -7, 7  # use scientific notation if log10
                            # of the axis range is smaller than the
                            # first or larger than the second
axes.formatter.use_locale : False # When True, format tick labels
                                # according to the user's locale.
                                # For example, use ',' as a decimal
                                # separator in the fr_FR locale.
axes.formatter.use_mathtext : False # When True, use mathtext for scientific
                                  # notation.
axes.formatter.useoffset : True    # If True, the tick label formatter
                                # will default to labeling ticks relative
                                # to an offset when the data range is very
                                # small compared to the minimum absolute
                                # value of the data.
axes.formatter.offset_threshold : 2 # When useoffset is True, the offset
                                  # will be used when it can remove
                                  # at least this number of significant
                                  # digits from tick labels.

axes.unicode_minus : True      # use unicode for the minus symbol
                        # rather than hyphen. See
                        # http://en.wikipedia.org/wiki/Plus_and_minus_signs#Character_codes
axes.prop_cycle : cycler('color', 'bgrcmyk')
                  # color cycle for plot lines
                  # as list of string colorspecs:
                  # single letter, long name, or
                  # web-style hex
axes.autolimit_mode : round_numbers
axes.xmargin : 0  # x margin. See `axes.Axes.margins`
axes.ymargin : 0  # y margin See `axes.Axes.margins`
axes.spines.bottom : True
axes.spines.left : True
axes.spines.right : True
axes.spines.top     : True  # display grid on polar axes
axes3d.grid         : True  # display grid on 3d axes

date.autoformatter.year   : %Y     
date.autoformatter.month  : %b %Y

date.autoformatter.day     : %b %d %Y

date.autoformatter.hour    : %H:%M:%S    
date.autoformatter.minute  : %H:%M:%S.%f

date.autoformatter.second  : %H:%M:%S,%f

date.autoformatter.microsecond : %H:%M:%S,%f

### TICKS

# see http://matplotlib.org/api/axis_api.html#matplotlib.axis.Tick

xtick.top            : True   # draw ticks on the top side
xtick.bottom         : True   # draw ticks on the bottom side
xtick.major.size     : 4      # major tick size in points
xtick.minor.size     : 2      # minor tick size in points
xtick.minor.visible  : False
xtick.major.width    : 0.5    # major tick width in points
xtick.minor.width    : 0.5    # minor tick width in points
xtick.major.pad      : 4      # distance to major tick label in points
xtick.minor.pad      : 4      # distance to the minor tick label in points
xtick.color          : k      # color of the tick labels
xtick.labelsizer     : medium # fontsize of the tick labels
xtick.direction      : in     # direction: in, out, or inout
xtick.major.top      : True   # draw x axis top major ticks
xtick.major.bottom   : True   # draw x axis bottom major ticks
xtick.minor.top      : True   # draw x axis top minor ticks
xtick.minor.bottom   : True   # draw x axis bottom minor ticks
xtick.alignment      : center

ytick.left           : True   # draw ticks on the left side
ytick.right          : True   # draw ticks on the right side
ytick.major.size     : 4      # major tick size in points
ytick.minor.size     : 2      # minor tick size in points
ytick.minor.visible  : False
ytick.major.width    : 0.5    # major tick width in points
ytick.minor.width    : 0.5    # minor tick width in points
ytick.major.pad      : 4      # distance to major tick label in points
ytick.minor.pad      : 4      # distance to the minor tick label in points
ytick.color          : k      # color of the tick labels
ytick.labelsize      : medium # fontsize of the tick labels
ytick.direction      : in     # direction: in, out, or inout
ytick.major.left     : True   # draw y axis left major ticks
ytick.major.right    : True   # draw y axis right major ticks
ytick.minor.left     : True   # draw y axis left minor ticks
ytick.minor.right    : True   # draw y axis right minor ticks
ytick.minor.right : True  # draw y axis right minor ticks
ytick.alignment : center

### GRIDS
grid.color       : k       # grid color
grid.linestyle   : :       # dotted
grid.linewidth   : 0.5     # in points
grid.alpha       : 1.0     # transparency, between 0.0 and 1.0

### Legend
legend.fancybox      : False  # if True, use a rounded box for the
# legend, else a rectangle
legend.loc           : upper right
legend.numpoints     : 2      # the number of points in the legend line
legend.fontsize      : large
legend.borderpad     : 0.4    # border whitespace in fontsize units
legend.markerscale   : 1.0    # the relative size of legend markers vs. original
# the following dimensions are in axes coords
legend.labelspacing  : 0.5    # the vertical space between the legend entries in fraction of fontsize
legend.handlelength  : 2.     # the length of the legend lines in fraction of fontsize
legend.handleheight  : 0.7    # the height of the legend handle in fraction of fontsize
legend.handletextpad : 0.8    # the space between the legend line and legend text in fraction of fontsize
legend.borderaxespad : 0.5    # the border between the axes and legend edge in fraction of fontsize
legend.shadow        : False
legend.frameon       : True   # whether or not to draw a frame around legend
legend.framealpha    : None    # opacity of legend frame
legend.scatterpoints : 3 # number of scatter points
legend.facecolor     : inherit   # legend background color (when 'inherit' uses axes.facecolor)
legend.edgecolor     : inherit   # legend edge color (when 'inherit' uses axes.edgecolor)

### FIGURE
# See http://matplotlib.org/api/figure_api.html#matplotlib.figure.Figure
figure.titlesize : medium     # size of the figure title
figure.titleweight : normal  # weight of the figure title
figure.figsize   : 8, 6      # figure size in inches
figure.dpi       : 80       # figure dots per inch
figure.facecolor : 0.75     # figure facecolor; 0.75 is scalar gray
figure.edgecolor : w        # figure edgecolor
figure.autolayout : False   # When True, automatically adjust subplot
# parameters to make the plot fit the figure
figure.frameon : True

# The figure subplot parameters. All dimensions are a fraction of the
# figure width or height
figure.subplot.left    : 0.125  # the left side of the subplots of the figure
figure.subplot.right : 0.9  # the right side of the subplots of the figure
figure.subplot.bottom : 0.1  # the bottom of the subplots of the figure
figure.subplot.top : 0.9  # the top of the subplots of the figure
figure.subplot.wspace : 0.2  # the amount of width reserved for blank space between subplots,
                           # expressed as a fraction of the average axis width
figure.subplot.hspace : 0.2  # the amount of height reserved for white space between subplots,
                           # expressed as a fraction of the average axis height

### IMAGES
image.aspect : equal         # equal | auto | a number
image.interpolation : bilinear # see help(imshow) for options
image.cmap : jet             # gray | jet etc...
image.lut : 256              # the size of the colormap lookup table
image.origin : upper         # lower | upper
image.resample : False       
image.composite_image : True

### CONTOUR PLOTS
contour.negative_linestyle : dashed # dashed | solid
contour.corner_mask : True

# errorbar props
errorbar.capsize: 3

# scatter props
scatter.marker: o

### Boxplots
boxplot.bootstrap: None
boxplot.boxprops.color: b
boxplot.boxprops.linestyle: -
boxplot.boxprops.linewidth: 1.0
boxplot.capprops.color: k
boxplot.capprops.linestyle: -
boxplot.capprops.linewidth: 1.0
boxplot.flierprops.color: b
boxplot.flierprops.linestyle: none
boxplot.flierprops.linewidth: 1.0
boxplot.flierprops.marker: +
boxplot.flierprops.markeredgecolor: k
boxplot.flierprops.markercolor: auto
boxplot.flierprops.markersize: 6.0
boxplot.meanline: False
boxplot.meanprops.color: r
boxplot.meanprops.linestyle: -
boxplot.meanprops.linewidth: 1.0
boxplot.medianprops.color: r
boxplot.meanprops.marker: s
boxplot.meanprops.markerfacecolor: r
boxplot.meanprops.markeredgecolor: k
boxplot.meanprops.markersize: 6.0
boxplot.medianprops.linestyle: -
boxplot.medianprops.linewidth: 1.0
boxplot.notch: False
boxplot.patchartist: False
boxplot.showbox: True
boxplot.showcaps: True
boxplot.showfliers: True
boxplot.showmeans: False
boxplot.vertical: True
boxplot.whiskerprops.color: b
boxplot.whiskerprops.linestyle: --
boxplot.whiskerprops.linewidth: 1.0
boxplot.whiskers: 1.5

### Agg rendering
### Warning: experimental, 2008/10/10
agg.path.chunksize : 0 # 0 to disable; values in the range
    # 10000 to 100000 can improve speed slightly
    # and prevent an Agg rendering failure
    # when plotting very large data sets,
    # especially if they are very gappy.
    # It may cause minor artifacts, though.
    # A value of 20000 is probably a good
    # starting point.

### SAVING FIGURES
path.simplify : True  # When True, simplify paths by removing "invisible"
    # points to reduce file size and increase rendering
    # speed
path.simplify_threshold : 0.1111111111111111
    # The threshold of similarity below which
    # vertices will be removed in the simplification
    # process
path.snap : True  # When True, rectilinear axis-aligned paths will be snapped to
    # the nearest pixel when certain criteria are met. When False,
    # paths will never be snapped.
path.sketch : None # May be none, or a 3-tuple of the form (scale, length,
    # randomness).
    # *scale* is the amplitude of the wiggle
    # perpendicular to the line (in pixels). *length*
    # is the length of the wiggle along the line (in
    # pixels). *randomness* is the factor by which
    # the length is randomly scaled.

# the default savefig params can be different from the display params
# e.g., you may want a higher resolution, or to make the figure
# background white
savefig.dpi : 100     # figure dots per inch
savefig.facecolor : w    # figure facecolor when saving
savefig.edgecolor : w    # figure edgecolor when saving
savefig.format : png     # png, ps, pdf, svg
savefig.bbox : standard # 'tight' or 'standard'.
    # 'tight' is incompatible with pipe-based animation
    # backends but will work with temporary file based ones:
    # e.g. setting animation.writer to ffmpeg will not work,
    # use ffmpeg_file instead
savefig.pad_inches : 0.1  # Padding to be used when bbox is set to 'tight'
savefig.jpeg_quality : 95  # when a jpeg is saved, the default quality parameter.
savefig.transparent : False # setting that controls whether figures are saved with a
    # transparent background by default
savefig.frameon : True
savefig.orientation : portrait

nbagg.transparent: True

# ps backend params
ps.papersize : letter    # auto, letter, legal, ledger, A0-A10, B0-B10
ps.useafm : False        # use of afm fonts, results in small files
ps.usedistiller : False  # can be: None, ghostscript or xpdf
    # Experimental: may produce smaller files.
    # xpdf intended for production of publication quality files,
    # but requires ghostscript, xpdf and ps2eps
ps.distiller.res  : 6000  # dpi
ps.fonttype : 3         # Output Type 3 (Type3) or Type 42 (TrueType)

# pdf backend params
pdf.compression : 6      # integer from 0 to 9
    # 0 disables compression (good for debugging)
pdf.fonttype : 3         # Output Type 3 (Type3) or Type 42 (TrueType)
pdf.inheritcolor : False
pdf.use14corefonts : False

# pgf backend params
pgf.debug : False
pgf.texsystem : xelatex
pgf.rcfonts : True
pgf.preamble :

# svg backend params
svg.image_inline : True     # write raster image data directly into the svg file
svg.fonttype : path        # How to handle SVG fonts:
    # 'none': Assume fonts are installed on the machine where the SVG will be viewed.
    # 'path': Embed characters as paths -- supported by most SVG renderers
    # 'svgfont': Embed characters as SVG fonts -- supported only by Chrome,
# Opera and Safari

# Set the verbose flags. This controls how much information
# matplotlib gives you at runtime and where it goes. The verbosity
# levels are: silent, helpful, debug, debug-annoying. Any level is
# inclusive of all the levels below it. If your setting is "debug",
# you'll get all the debug and helpful messages. When submitting
# problems to the mailing-list, please set verbose to "helpful" or "debug"
# and paste the output into your report.
#
# The "fileo" gives the destination for any calls to verbose.report.
# These objects can be a filename, or a filehandle like sys.stdout.
#
# You can override the rc default verbosity from the command line by
# giving the flags --verbose-LEVEL where LEVEL is one of the legal
# levels, e.g., --verbose-helpful.
#
# You can access the verbose instance in your code
# from matplotlib import verbose.

verbose.level : silent      # one of silent, helpful, debug, debug-annoying
verbose.fileo : sys.stdout  # a log filename, sys.stdout or sys.stderr

# Event keys to interact with figures/plots via keyboard.
# Customize these settings according to your needs.
# Leave the field(s) empty if you don’t need a key-map. (i.e., fullscreen : ')

keymap.fullscreen : f, ctrl+f       # toggling
keymap.home : h, r, home            # home or reset mnemonic
keymap.back : left, c, backspace    # forward / backward keys to enable
keymap.forward : right, v           # left handed quick navigation
keymap.pan : p                       # pan mnemonic
keymap.zoom : o                      # zoom mnemonic
keymap.save : s, ctrl+s              # saving current figure
keymap.quit : ctrl+w, cmd+w           # close the current figure
keymap.grid : g                       # switching on/off a grid in current axes
keymap.yscale : l                    # toggle scaling of y-axes ('log'/'linear')
keymap.xscale : k, L                  # toggle scaling of x-axes ('log'/'linear')
keymap.all_axes : a                   # enable all axes

###ANIMATION settings

animation.writer : ffmpeg         # MovieWriter 'backend' to use
animation.codec : mpeg4           # Codec to use for writing movie
animation.bitrate : -1           # Controls size/quality tradeoff for movie.
                                 # -1 implies let utility auto-determine
animation.frame_format: png      # Controls frame format used by temp files
animation.ffmpeg_path: ffmpeg    # Path to ffmpeg binary. Without full path
                                 # $PATH is searched
animation.ffmpeg_args:       # Additional arguments to pass to ffmpeg
animation.avconv_path: avconv  # Path to avconv binary. Without full path
                               # $PATH is searched
animation.avconv_args:       # Additional arguments to pass to avconv
animation.mencoder_path: mencoder
                               # Path to mencoder binary. Without full path
                               # $PATH is searched
animation.mencoder_args:     # Additional arguments to pass to mencoder
animation.convert_path: convert  # Path to ImageMagick's convert binary.
                               # On Windows use the full path since convert
                               # is also the name of a system tool.
animation.convert_args:      
animation.html: none

_internal.classic_mode: True
# Seaborn muted palette
axes.prop_cycle: cycler('color', ['4878CF', '6ACC65', 'D65F5F', 'B47CC7', 'C4AD66', '77BEDB'])
patch.facecolor: 4878CF
StartFontMetrics 2.0
Comment Creation Date: Tue May 28 16:40:04 1991
Comment UniqueID 35028
Comment VMusage 31423 38315
FontName NewCenturySchlbk-Italic
FullName New Century Schoolbook Italic
FamilyName New Century Schoolbook
Weight Medium
ItalicAngle -16
IsFixedPitch false
FontBBox -166 -250 994 958
UnderlinePosition -100
UnderlineThickness 50
Version 001.006
EncodingScheme AdobeStandardEncoding
CapHeight 722
XHeight 466
Ascender 737
Descender -205
StartCharMetrics 228
C 32 ; WX 278 ; N space ; B 0 0 0 0 ;
C 33 ; WX 333 ; N exclam ; B 17 -15 303 737 ;
C 34 ; WX 400 ; N quotedbl ; B 127 463 363 737 ;
C 35 ; WX 556 ; N numbersign ; B 28 0 528 690 ;
C 36 ; WX 556 ; N dollar ; B 4 -142 536 808 ;
C 37 ; WX 833 ; N percent ; B 43 -15 790 705 ;
C 38 ; WX 852 ; N ampersand ; B 24 -15 773 737 ;
C 39 ; WX 204 ; N quoteright ; B 39 463 229 737 ;
KPX B period -50
KPX B comma -50

KPX C period -50
KPX C comma -50

KPX D period -50
KPX D comma -50
KPX D Y -18
KPX D W -18
KPX D V -18

KPX F r -55
KPX F period -125
KPX F o -55
KPX F i -10
KPX F e -55
KPX F comma -125
KPX F a -55
KPX F A -35

KPX G period -50
KPX G comma -50

KPX J u -18
KPX J period -100
KPX J o -37
KPX J e -37
KPX J comma -100
KPX J a -37
KPX J A -18

KPX L y -50
KPX L quoteright -125
KPX L quotedblright -125
KPX L Y -100
KPX L W -100
KPX L V -100
KPX L T -100

KPX N period -60
KPX N comma -60

KPX O period -50
KPX O comma -50
KPX O Y -18
KPX O X -18
KPX O V -18
KPX V colon -75
KPX V a -75
KPX V A -37

KPX W y -55
KPX W u -55
KPX W semicolon -75
KPX W period -100
KPX W o -55
KPX W i -20
KPX W hyphen -75
KPX W h -20
KPX W e -55
KPX W comma -100
KPX W colon -75
KPX W a -55
KPX W A -55

KPX Y u -100
KPX Y semicolon -75
KPX Y period -100
KPX Y o -100
KPX Y i -25
KPX Y hyphen -100
KPX Y e -100
KPX Y comma -100
KPX Y colon -75
KPX Y a -100
KPX Y A -55

KPX b period -50
KPX b comma -50
KPX b b -10

KPX c period -50
KPX c k -18
KPX c h -18
KPX c comma -50

KPX colon space -37

KPX comma space -37
KPX comma quoteright -37
KPX comma quotedblright -37

KPX e period -37
KPX e comma -37
KPX space W -37
KPX space V -37
KPX space T -37
KPX space A -37

KPX v period -75
KPX v comma -75

KPX w period -75
KPX w comma -75

KPX y period -75
KPX y comma -75
EndKernPairs
EndKernData
StartComposites 56
CC Aacute 2 ; PCC A 0 0 ; PCC acute 246 256 ;
CC Acircumflex 2 ; PCC A 0 0 ; PCC circumflex 246 256 ;
CC Adieresis 2 ; PCC A 0 0 ; PCC dieresis 231 256 ;
CC Agrave 2 ; PCC A 0 0 ; PCC grave 246 256 ;
CC Aring 2 ; PCC A 0 0 ; PCC ring 216 246 ;
CC Atilde 2 ; PCC A 0 0 ; PCC tilde 231 256 ;
CC Eacute 2 ; PCC E 0 0 ; PCC acute 255 256 ;
CC Ecircumflex 2 ; PCC E 0 0 ; PCC circumflex 255 256 ;
CC Edieresis 2 ; PCC E 0 0 ; PCC dieresis 255 256 ;
CC Egrave 2 ; PCC E 0 0 ; PCC grave 255 256 ;
CC Iacute 2 ; PCC I 0 0 ; PCC acute 97 256 ;
CC Icircumflex 2 ; PCC I 0 0 ; PCC circumflex 97 256 ;
CC Idieresis 2 ; PCC I 0 0 ; PCC dieresis 97 256 ;
CC Igrave 2 ; PCC I 0 0 ; PCC grave 97 256 ;
CC Ntilde 2 ; PCC N 0 0 ; PCC tilde 301 256 ;
CC Oacute 2 ; PCC O 0 0 ; PCC acute 283 256 ;
CC Ocircumflex 2 ; PCC O 0 0 ; PCC circumflex 283 256 ;
CC Odieresis 2 ; PCC O 0 0 ; PCC dieresis 283 256 ;
CC Ograve 2 ; PCC O 0 0 ; PCC grave 283 256 ;
CC Otilde 2 ; PCC O 0 0 ; PCC tilde 283 256 ;
CC Scaron 2 ; PCC S 0 0 ; PCC caron 227 256 ;
CC Uacute 2 ; PCC U 0 0 ; PCC acute 301 256 ;
CC Ucircumflex 2 ; PCC U 0 0 ; PCC circumflex 301 256 ;
CC Udieresis 2 ; PCC U 0 0 ; PCC dieresis 301 256 ;
CC Ugrave 2 ; PCC U 0 0 ; PCC grave 301 256 ;
CC Yacute 2 ; PCC Y 0 0 ; PCC acute 256 256 ;
CC Ydieresis 2 ; PCC Y 0 0 ; PCC dieresis 236 256 ;
CC Zcaron 2 ; PCC Z 0 0 ; PCC caron 227 256 ;
CC aacute 2 ; PCC a 0 0 ; PCC acute 121 0 ;
CC acircumflex 2 ; PCC a 0 0 ; PCC circumflex 121 0 ;
CC adieresis 2 ; PCC a 0 0 ; PCC dieresis 121 0 ;
CC agrave 2 ; PCC a 0 0 ; PCC grave 121 0 ;
C 81 ; WX 741 ; N Theta ; B 41 -17 715 685 ;
C 82 ; WX 556 ; N Rho ; B 28 0 563 673 ;
C 83 ; WX 592 ; N Sigma ; B 5 0 589 673 ;
C 84 ; WX 611 ; N Tau ; B 33 0 607 673 ;
C 85 ; WX 690 ; N Upsilon ; B -8 0 694 673 ;
C 86 ; WX 439 ; N sigma1 ; B 40 -233 436 500 ;
C 87 ; WX 768 ; N Omega ; B 34 0 736 688 ;
C 88 ; WX 645 ; N Xi ; B 40 0 599 673 ;
C 89 ; WX 795 ; N Psi ; B 15 0 781 684 ;
C 90 ; WX 611 ; N Zeta ; B 44 0 636 673 ;
C 91 ; WX 333 ; N bracketleft ; B 86 -155 299 674 ;
C 92 ; WX 863 ; N therefore ; B 163 0 701 487 ;
C 93 ; WX 333 ; N bracketright ; B 33 -155 246 674 ;
C 94 ; WX 658 ; N perpendicular ; B 15 0 652 674 ;
C 95 ; WX 500 ; N underscore ; B -2 -125 436 500 ;
C 96 ; WX 500 ; N radicalex ; B 480 881 1090 917 ;
C 97 ; WX 631 ; N alpha ; B 41 -18 622 500 ;
C 98 ; WX 549 ; N beta ; B 61 -223 515 741 ;
C 99 ; WX 549 ; N chi ; B 12 -231 522 499 ;
C 100 ; WX 494 ; N delta ; B 40 -19 481 740 ;
C 101 ; WX 439 ; N epsilon ; B 22 -19 427 502 ;
C 102 ; WX 521 ; N phi ; B 28 -224 492 673 ;
C 103 ; WX 411 ; N gamma ; B 5 -225 484 499 ;
C 104 ; WX 603 ; N eta ; B 0 -202 527 514 ;
C 105 ; WX 329 ; N iota ; B 0 -17 301 503 ;
C 106 ; WX 603 ; N phi1 ; B 36 -224 587 499 ;
C 107 ; WX 549 ; N kappa ; B 33 0 558 501 ;
C 108 ; WX 549 ; N lambda ; B 24 -17 548 739 ;
C 109 ; WX 576 ; N mu ; B 33 -223 567 500 ;
C 110 ; WX 521 ; N nu ; B -9 -16 475 507 ;
C 111 ; WX 549 ; N omicron ; B 35 -19 501 499 ;
C 112 ; WX 549 ; N pi ; B 10 -19 530 487 ;
C 113 ; WX 521 ; N theta ; B 43 -17 485 690 ;
C 114 ; WX 549 ; N rho ; B 50 -230 490 499 ;
C 115 ; WX 603 ; N sigma ; B 30 -21 588 500 ;
C 116 ; WX 439 ; N tau ; B 10 -19 418 500 ;
C 117 ; WX 576 ; N upsilon ; B 7 -18 535 507 ;
C 118 ; WX 713 ; N omega1 ; B 12 -18 671 583 ;
C 119 ; WX 686 ; N omega ; B 42 -17 684 500 ;
C 120 ; WX 493 ; N xi ; B 27 -224 469 766 ;
C 121 ; WX 686 ; N psi ; B 12 -228 701 500 ;
C 122 ; WX 494 ; N zeta ; B 60 -225 467 756 ;
C 123 ; WX 480 ; N braceleft ; B 58 -183 397 673 ;
C 124 ; WX 200 ; N bar ; B 65 -293 135 707 ;
C 125 ; WX 480 ; N braceright ; B 79 -183 418 673 ;
C 126 ; WX 549 ; N similar ; B 17 203 529 307 ;
C 160 ; WX 750 ; N Euro ; B 20 -12 714 685 ;
C 161 ; WX 620 ; N Upsilon1 ; B -2 0 610 685 ;
C -1 ; WX 611 ; N Zcaron ; B 240 576 933 ;
C -1 ; WX 667 ; N Thorn ; B 290 650 722 ;
C -1 ; WX 407 ; N Iacute ; B 380 369 937 ;
C -1 ; WX 606 ; N plusminus ; B 500 556 506 ;
C -1 ; WX 606 ; N multiply ; B 742 24 532 482 ;
C -1 ; WX 722 ; N Eacute ; B 290 663 937 ;
C -1 ; WX 704 ; N Ydieresis ; B -110 715 883 ;
C -1 ; WX 333 ; N onesuperior ; B 392 282 294 705 ;
C -1 ; WX 611 ; N ugrave ; B 220 589 699 ;
C -1 ; WX 606 ; N logicalnot ; B 50108 556 389 ;
C -1 ; WX 611 ; N ntilde ; B 220 589 655 ;
C -1 ; WX 778 ; N Otilde ; B 45 -15 733 893 ;
C -1 ; WX 500 ; N otilde ; B 34 -15 466 655 ;
C -1 ; WX 722 ; N Ccedilla ; B 45 -15 668 737 ;
C -1 ; WX 722 ; N Agrave ; B -80 730 937 ;
C -1 ; WX 834 ; N onehalf ; B 39 -15 820 705 ;
C -1 ; WX 778 ; N Eth ; B 290 733 722 ;
C -1 ; WX 400 ; N degree ; B 57 419 343 705 ;
C -1 ; WX 704 ; N Yacute ; B -110 715 937 ;
C -1 ; WX 778 ; N Ocircumflex ; B 45 -15 733 933 ;
C -1 ; WX 500 ; N oacute ; B 34 -15 466 699 ;
C -1 ; WX 611 ; N mu ; B 22 -205 589 464 ;
C -1 ; WX 606 ; N minus ; B 50 217 556 289 ;
C -1 ; WX 500 ; N eth ; B 34 -15 466 752 ;
C -1 ; WX 500 ; N odieresis ; B 34 -15 466 645 ;
C -1 ; WX 737 ; N copyright ; B -8 -15 744 737 ;
C -1 ; WX 606 ; N brokenbar ; B 267 -175 339 675 ;
EndCharMetrics
StartKernData
StartKernPairs 169

KPX A y -37
KPX A w -25
KPX A v -37
KPX A quoteright -74
KPX A quotedblright -74
KPX A Y -75
KPX A W -50
KPX A V -75
KPX A U -30
KPX A T -18

KPX B period -37
KPX B comma -37
KPX B A -18

KPX C period -37
KPX C comma -37
KPX o period -18
KPX o comma -18

KPX p period -18
KPX p comma -18

KPX period space -37
KPX period quotedright -37
KPX period quotedblright -37

KPX quotedblleft A -74

KPX quotedblrigh space -37

KPX quoteleft quoteleft -25
KPX quoteleft A -74

KPX quoteright s -25
KPX quoteright quotedright -25
KPX quoteright d -37

KPX r period -100
KPX r hyphen -37
KPX r comma -100

KPX s period -25
KPX s comma -25

KPX semicolon space -37

KPX space quoteleft -37
KPX space quotedblleft -37
KPX space Y -37
KPX space W -37
KPX space V -37
KPX space T -37
KPX space A -37

KPX v period -125
KPX v comma -125

KPX w period -125
KPX w comma -125
KPX w a -18

KPX y period -125
KPX y comma -125
EndKernPairs
EndKernData
StartComposites 56
CC Aacute 2 ; PCC A 0 0 ; PCC acute 195 238 ;
CC Acircumflex 2 ; PCC A 0 0 ; PCC circumflex 195 238 ;
CC Adieresis 2 ; PCC A 0 0 ; PCC dieresis 195 238 ;
CC Agrave 2 ; PCC A 0 0 ; PCC grave 195 238 ;
CC Atilde 2 ; PCC A 0 0 ; PCC tilde 195 238 ;
CC Eacute 2 ; PCC E 0 0 ; PCC acute 195 238 ;
CC Ecircumflex 2 ; PCC E 0 0 ; PCC circumflex 195 238 ;
CC Edieresis 2 ; PCC E 0 0 ; PCC dieresis 195 238 ;
CC Egrave 2 ; PCC E 0 0 ; PCCgrave 195 238 ;
CC Iacute 2 ; PCC I 0 0 ; PCCacute 37 238 ;
CC Icircumflex 2 ; PCC I 0 0 ; PCCcircumflex 37 238 ;
CC Iacute 2 ; PCC I 0 0 ; PCCacute 37 238 ;
CC Icircumflex 2 ; PCC I 0 0 ; PCCcircumflex 37 238 ;
CC Iacute 2 ; PCC I 0 0 ; PCCacute 37 238 ;
CC Icircumflex 2 ; PCC I 0 0 ; PCCcircumflex 37 238 ;
CC Nacute 2 ; PCC N 0 0 ; PCCacute 241 238 ;
CC Ncircumflex 2 ; PCC N 0 0 ; PCCcircumflex 241 238 ;
CC Ngrave 2 ; PCC N 0 0 ; PCCgrave 241 238 ;
CC Oacute 2 ; PCC O 0 0 ; PCCacute 223 238 ;
CC Ocircumflex 2 ; PCC O 0 0 ; PCCcircumflex 223 238 ;
CC Ograve 2 ; PCC O 0 0 ; PCCgrave 223 238 ;
CC Otilde 2 ; PCC O 0 0 ; PCCtilde 223 238 ;
CC Oacute 2 ; PCC O 0 0 ; PCCacute 223 238 ;
CC Ocircumflex 2 ; PCC O 0 0 ; PCCcircumflex 223 238 ;
CC Ograve 2 ; PCC O 0 0 ; PCCgrave 223 238 ;
CC Otilde 2 ; PCC O 0 0 ; PCCtilde 223 238 ;
CC Yacute 2 ; PCC Y 0 0 ; PCCacute 216 238 ;
CC Ydieresis 2 ; PCC Y 0 0 ; PCCdieresis 186 238 ;
CC Zcaron 2 ; PCC Z 0 0 ; PCCcaron 139 238 ;
CC aacute 2 ; PCC a 0 0 ; PCCacute 112 0 ;
CC acircumflex 2 ; PCC a 0 0 ; PCCcircumflex 112 0 ;
CC adieresis 2 ; PCC a 0 0 ; PCCdieresis 112 0 ;
CC agrave 2 ; PCC a 0 0 ; PCCgrave 112 0 ;
CCaring 2 ; PCC a 0 0 ; PCCring 112 0 ;
CC atilde 2 ; PCC a 0 0 ; PCCtilde 112 0 ;
CC eacute 2 ; PCC e 0 0 ; PCCacute 84 0 ;
CC ecircumflex 2 ; PCC e 0 0 ; PCCcircumflex 84 0 ;
CC edieresis 2 ; PCC e 0 0 ; PCCdieresis 84 0 ;
CC egrave 2 ; PCC e 0 0 ; PCCgrave 84 0 ;
CC idieresis 2 ; PCC e 0 0 ; PCCdieresis -9 0 ;
CC dotlessi 0 0 ; PCC acute -9 0 ;
CC icircumflex 2 ; PCC dotlessi 0 0 ; PCCcircumflex -9 0 ;
CC dotlessi 0 0 ; PCCdieresis -9 0 ;
CC igrave 2 ; PCC dotlessi 0 0 ; PCCgrave -9 0 ;
CC ntilde 2 ; PCC n 0 0 ; PCCtilde 139 0 ;
CC oacute 2 ; PCC o 0 0 ; PCCacute 84 0 ;
CC ocircumflex 2 ; PCC o 0 0 ; PCCcircumflex 84 0 ;
CC odieresis 2 ; PCC o 0 0 ; PCC dieresis 84 0 ;
CC ograve 2 ; PCC o 0 0 ; PCC grave 84 0 ;
CC otilde 2 ; PCC o 0 0 ; PCC tilde 84 0 ;
CC scaron 2 ; PCC s 0 0 ; PCC caron 65 0 ;
CC uacute 2 ; PCC u 0 0 ; PCC acute 139 0 ;
CC ucircumflex 2 ; PCC u 0 0 ; PCC circumflex 139 0 ;
CC udieresis 2 ; PCC u 0 0 ; PCC dieresis 139 0 ;
CC ugrave 2 ; PCC u 0 0 ; PCC grave 139 0 ;
CC yacute 2 ; PCC y 0 0 ; PCC acute 102 0 ;
CC ydieresis 2 ; PCC y 0 0 ; PCC dieresis 102 0 ;
CC zcaron 2 ; PCC z 0 0 ; PCC caron 74 0 ;
EndComposites
EndFontMetrics
StartFontMetrics 2.0
Comment Creation Date: Thu Jun 21 22:23:51 1990
Comment UniqueID 5000832
FontName CMTT10
EncodingScheme FontSpecific
FullName CMTT10
FamilyName Computer Modern
Weight Medium
ItalicAngle 0.0
IsFixedPitch true
Version 1.00B
Notice Copyright (c) 1997 American Mathematical Society. All Rights Reserved.
Comment Computer Modern fonts were designed by Donald E. Knuth
FontBBox -4 -235 731 800
CapHeight 611.111
XHeight 430.556
Ascender 611.111
Descender -222.222
Comment FontID CMTT
Comment DesignSize 10 (pts)
Comment CharacterCodingScheme TeX typewriter text
Comment Space 525 0 0
Comment ExtraSpace 525
Comment Quad 1050
StartCharMetrics 129
C 0 ; WX 525 ; N Gamma ; B 32 0 488 611 ;
C 1 ; WX 525 ; N Delta ; B 34 0 490 623 ;
C 2 ; WX 525 ; N Theta ; B 56 -11 468 622 ;
C 3 ; WX 525 ; N Lambda ; B 29 0 495 623 ;
C 4 ; WX 525 ; N Xi ; B 33 0 491 611 ;
C 5 ; WX 525 ; N Pi ; B 22 0 502 611 ;
C 6 ; WX 525 ; N Sigma ; B 40 0 484 611 ;
C 7 ; WX 525 ; N Upsilon ; B 38 0 486 622 ;
C 8 ; WX 525 ; N Phi ; B 40 0 484 611 ;
C 9 ; WX 525 ; N Psi ; B 38 0 486 611 ;
# Seaborn paper context

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figure.figsize: 6.4, 4.4
axes.labelsize: 8.8
axes.titlesize: 9.6
xtick.labelsize: 8
ytick.labelsize: 8
legend.fontsize: 8
grid.linewidth: 0.8
lines.linewidth: 1.4
patch.linewidth: 0.24
lines.markersize: 5.6
lines.markeredgewidth: 0

xtick.major.width: 0.8
ytick.major.width: 0.8
xtick.minor.width: 0.4
ytick.minor.width: 0.4

EndFontMetrics
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C -1 ; WX 833 ; N Ocircumflex ; B 39 -15 794 952 ;
C -1 ; WX 611 ; N oacute ; B 32 -15 579 737 ;
C -1 ; WX 685 ; N mu ; B 17 -205 668 475 ;
C -1 ; WX 606 ; N minus ; B 50 199 556 307 ;
C -1 ; WX 611 ; N eth ; B 32 -15 579 737 ;
C -1 ; WX 611 ; N odieresis ; B 32 -15 579 694 ;
C -1 ; WX 747 ; N copyright ; B -2 -15 750 737 ;
C -1 ; WX 606 ; N brokenbar ; B 249 -175 357 675 ;
EndCharMetrics
StartKernData
StartKernPairs 128

KPX A y -18
KPX A w -18
KPX A v -18
KPX A quoteright -74
KPX A quotedblright -74
KPX A Y -91
KPX A W -74
KPX A V -74
KPX A U -18
KPX A T -55

KPX C period -18
KPX C comma -18

KPX D period -25
KPX D comma -25

KPX F r -18
KPX F period -125
KPX F o -55
KPX F i -18
KPX F e -55
KPX F comma -125
KPX F a -74

KPX J u -18
KPX J period -55
KPX J o -18
KPX J e -18
KPX J comma -55
KPX J a -18
KPX J A -18

KPX K y -25
KPX K u -18
Comment Creation Date: Tue Mar 20 13:14:55 1990
Comment UniqueID 28425
Comment VMusage 32721 39613
FontName Times-BoldItalic
FullName Times Bold Italic
FamilyName Times
Weight Bold
ItalicAngle -15
Open Source Used In MKS Edge 1.6.0 1.6.0.268 3726
C -1 ; WX 750 ; N onehalf ; B -9 -14 723 683 ;
EndCharMetrics
StartKernData
StartKernPairs 283

KPX A y -74
KPX A w -74
KPX A v -74
KPX A u -30
KPX A quoteright -74
KPX A quotedblright 0
KPX A p 0
KPX A Y -70
KPX A W -100
KPX A V -95
KPX A U -50
KPX A T -55
KPX A Q -55
KPX A O -50
KPX A G -60
KPX A C -65

KPX B period 0
KPX B comma 0
KPX B U -10
KPX B A -25

KPX D period 0
KPX D comma 0
KPX D Y -50
KPX D W -40
KPX D V -50
KPX D A -25

KPX F r -50
KPX F period -129
KPX F o -70
KPX F i -40
KPX F e -100
KPX F comma -129
KPX F a -95
KPX F A -100

KPX G period 0
KPX G comma 0

KPX J u -40
KPX J period -10
KPX J o -40
KPX J e -40
KPX J comma -10
KPX J a -40
KPX J A -25

KPX K y -20
KPX K u -20
KPX K o -25
KPX K e -25
KPX K O -30

KPX L y -37
KPX L quoteright -55
KPX L quotedblright 0
KPX L Y -37
KPX L W -37
KPX L V -37
KPX L T -18

KPX N period 0
KPX N comma 0
KPX N A -30

KPX O period 0
KPX O comma 0
KPX O Y -50
KPX O X -40
KPX O W -50
KPX O V -50
KPX O T -40
KPX O A -40

KPX P period -129
KPX P o -55
KPX P e -50
KPX P comma -129
KPX P a -40
KPX P A -85

KPX Q period 0
KPX Q comma 0
KPX Q U -10

KPX R Y -18
KPX R W -18
KPX R V -18
KPX R U -40
KPX W h 0
KPX W e -90
KPX W comma -74
KPX W colon -55
KPX W a -85
KPX W O -15
KPX W A -74

KPX Y u -92
KPX Y semicolon -92
KPX Y period -74
KPX Y o -111
KPX Y i -55
KPX Y hyphen -92
KPX Y e -111
KPX Y comma -92
KPX Y colon -92
KPX Y a -92
KPX Y O -25
KPX Y A -74

KPX a y 0
KPX a w 0
KPX a v 0
KPX a t 0
KPX a p 0
KPX a g 0
KPX a b 0

KPX b y 0
KPX b v 0
KPX b u -20
KPX b period -40
KPX b l 0
KPX b comma 0
KPX b b -10

KPX c y 0
KPX c period 0
KPX c l 0
KPX c k -10
KPX c h -10
KPX c comma 0

KPX colon space 0
KPX comma space 0
KPX comma quoteright -95
KPX comma quotedblright -95

KPX d y 0
KPX d w 0
KPX d v 0
KPX d period 0
KPX d d 0
KPX d comma 0

KPX e y 0
KPX e x 0
KPX e w 0
KPX e v 0
KPX e period 0
KPX e p 0
KPX e g 0
KPX e comma 0
KPX e b -10

KPX f quoteright 55
KPX f quotedblright 0
KPX f period -10
KPX f o -10
KPX f l 0
KPX f i 0
KPX f f -18
KPX f e -10
KPX f dotlessi -30
KPX f comma -10
KPX f a 0

KPX g y 0
KPX g r 0
KPX g period 0
KPX g o 0
KPX g i 0
KPX g g 0
KPX g e 0
KPX g comma 0
KPX g a 0

KPX h y 0

KPX i v 0

KPX k y 0
KPX k o -10
KPX k e -30
KPX l y 0
KPX l w 0

KPX m y 0
KPX m u 0

KPX n y 0
KPX n v -40
KPX n u 0

KPX o y -10
KPX o x -10
KPX o w -25
KPX o v -15
KPX o g 0

KPX p y 0

KPX period quoteright -95
KPX period quotedblright -95

KPX quotedblleft quotelleft 0
KPX quotedblleft A 0

KPX quotedblright space 0

KPX quotelleft quotelleft -74
KPX quotelleft A 0

KPX quoteright v -15
KPX quoteright t -37
KPX quoteright space -74
KPX quoteright s -74
KPX quoteright r -15
KPX quoteright quoteright -74
KPX quoteright quotebright 0
KPX quoteright l 0
KPX quoteright d -15

KPX r y 0
KPX r v 0
KPX r u 0
KPX r t 0
KPX r s 0
KPX r r 0
KPX r q 0
KPX r period -65
KPX r p 0
KPX r o 0
KPX r n 0
KPX r m 0
KPX r l 0
KPX r k 0
KPX r i 0
KPX r hyphen 0
KPX r g 0
KPX r e 0
KPX r d 0
KPX r comma -65
KPX r c 0
KPX r a 0

KPX s w 0

KPX space quoteleft 0
KPX space quotedblleft 0
KPX space Y -70
KPX space W -70
KPX space V -70
KPX space T 0
KPX space A -37

KPX v period -37
KPX v o -15
KPX v e -15
KPX v comma -37
KPX v a 0

KPX w period -37
KPX w o -15
KPX w h 0
KPX w e -10
KPX w comma -37
KPX w a -10

KPX x e -10

KPX y period -37
KPX y o 0
KPX y e 0
KPX y comma -37
KPX y a 0

KPX z o 0
KPX z e 0
EndKernPairs
EndKernData
StartComposites 58
CC Aacute 2 ; PCC A 0 0 ; PCC acute 172 207 ;
CC Acircumflex 2 ; PCC A 0 0 ; PCC circumflex 187 207 ;
CC Adieresis 2 ; PCC A 0 0 ; PCC dieresis 167 207 ;
CC Agrave 2 ; PCC A 0 0 ; PCC grave 172 207 ;
CC Atilde 2 ; PCC A 0 0 ; PCC tilde 167 207 ;
CC Ccedilla 2 ; PCC C 0 0 ; PCC cedilla 167 0 ;
CC Ecute 2 ; PCC E 0 0 ; PCC acute 172 207 ;
CC Ecircumflex 2 ; PCC E 0 0 ; PCC circumflex 187 207 ;
CC Edieresis 2 ; PCC E 0 0 ; PCC dieresis 187 207 ;
CC Egrave 2 ; PCC E 0 0 ; PCC grave 172 207 ;
CC Iacute 2 ; PCC I 0 0 ; PCC acute 33 207 ;
CC Icircumflex 2 ; PCC I 0 0 ; PCC circumflex 53 207 ;
CC Idieresis 2 ; PCC I 0 0 ; PCC dieresis 48 207 ;
CC Igrave 2 ; PCC I 0 0 ; PCC grave 33 207 ;
CC Ntilde 2 ; PCC N 0 0 ; PCC tilde 210 207 ;
CC Oacute 2 ; PCC O 0 0 ; PCC acute 200 207 ;
CC Ocircumflex 2 ; PCC O 0 0 ; PCC circumflex 230 207 ;
CC Odieresis 2 ; PCC O 0 0 ; PCC dieresis 215 207 ;
CC Ograve 2 ; PCC O 0 0 ; PCC grave 200 207 ;
CC Otilde 2 ; PCC O 0 0 ; PCC tilde 215 207 ;
CC Scaron 2 ; PCC S 0 0 ; PCC caron 112 207 ;
CC Uacute 2 ; PCC U 0 0 ; PCC acute 210 207 ;
CC Ucircumflex 2 ; PCC U 0 0 ; PCC circumflex 230 207 ;
CC Udieresis 2 ; PCC U 0 0 ; PCC dieresis 230 207 ;
CC Ugrave 2 ; PCC U 0 0 ; PCC grave 200 207 ;
CC Yacute 2 ; PCC Y 0 0 ; PCC acute 154 207 ;
CC Ydieresis 2 ; PCC Y 0 0 ; PCC dieresis 139 207 ;
CC aacute 2 ; PCC a 0 0 ; PCC acute 84 0 ;
CC acircumflex 2 ; PCC a 0 0 ; PCC circumflex 84 0 ;
CC adieresis 2 ; PCC a 0 0 ; PCC dieresis 74 0 ;
CC agrave 2 ; PCC a 0 0 ; PCC grave 74 0 ;
CC aring 2 ; PCC a 0 0 ; PCC ring 84 0 ;
CC atilde 2 ; PCC a 0 0 ; PCC tilde 84 0 ;
CC ccedilla 2 ; PCC c 0 0 ; PCC cedilla 56 0 ;
CC eacute 2 ; PCC e 0 0 ; PCC acute 56 0 ;
CC ecircumflex 2 ; PCC e 0 0 ; PCC circumflex 56 0 ;
CC edieresis 2 ; PCC e 0 0 ; PCC dieresis 46 0 ;
CC egrave 2 ; PCC e 0 0 ; PCC grave 46 0 ;
CC iacute 2 ; PCC dotlessi 0 0 ; PCC acute -27 0 ;
CC icircumflex 2 ; PCC dotlessi 0 0 ; PCC circumflex -42 0 ;
CC idieresis 2 ; PCC dotlessi 0 0 ; PCC dieresis -37 0 ;
CC igrave 2 ; PCC dotlessi 0 0 ; PCC grave -37 0 ;
CC ntilde 2 ; PCC n 0 0 ; PCC tilde 97 0 ;
# Seaborn poster context

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figure.figsize: 12.8, 8.8
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axes.titlesize: 19.2
xtick.labelsize: 16
ytick.labelsize: 16
legend.fontsize: 16
grid.linewidth: 1.6
lines.linewidth: 2.8
patch.linewidth: 0.48
lines.markersize: 11.2
lines.markeredgewidth: 0
xtick.major.width: 1.6
xtick.minor.width: 0.8
ytick.major.width: 1.6
ytick.minor.width: 0.8
xtick.major.pad: 11.2
# Seaborn common parameters
# .15 = dark_gray
# .8 = light_gray
figure.facecolor: white
text.color: .15
axes.labelcolor: .15
legend.frameon: False
legend.numpoints: 1
legend.scatterpoints: 1
xtick.direction: out
ytick.direction: out
xtick.color: .15
ytick.color: .15
axes.axisbelow: True
image.cmap: Greys
font.family: sans-serif
font.sans-serif: Arial, Liberation Sans, DejaVu Sans, Bitstream Vera Sans, sans-serif
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grid.linestyle: -
lines.solid_capstyle: round

# Seaborn whitegrid parameters
axes.grid: True
axes.facecolor: white
axes.edgecolor: .8
axes.linewidth: 1
grid.color: .8
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ytick.major.size: 0
xtick.minor.size: 0
ytick.minor.size: 0
StartFontMetrics 2.0
Comment Copyright (c) 1989, 1990, 1991 Adobe Systems Incorporated. All rights reserved.
Comment Creation Date: Tue Sep 17 07:47:21 1991
Comment UniqueID 36347
Comment VMusage 31037 39405
FontName Courier
FullName Courier
FamilyName Courier
Weight Medium
ItalicAngle 0
IsFixedPitch true
FontBBox -28 -250 628 805
UnderlinePosition -100
UnderlineThickness 50
Version 002.004
Notice Copyright (c) 1989, 1990, 1991 Adobe Systems Incorporated. All rights reserved.
EncodingScheme AdobeStandardEncoding
CapHeight 562
XHeight 426
Ascender 629
Descender -157
StartCharMetrics 260
C 32 ; WX 600 ; N space ; B 0 0 0 0 ;
C 33 ; WX 600 ; N exclaim ; B 236 -15 364 572 ;
C 34 ; WX 600 ; N quotedbl ; B 187 328 413 562 ;
C 35 ; WX 600 ; N numbersign ; B 93 -32 507 639 ;
C 36 ; WX 600 ; N dollar ; B 105 -126 496 662 ;
C 37 ; WX 600 ; N percent ; B 81 -15 518 622 ;
C 38 ; WX 600 ; N ampersand ; B 63 -15 538 543 ;
C 39 ; WX 600 ; N quoteright ; B 213 328 376 562 ;
C 40 ; WX 600 ; N parenleft ; B 269 -108 440 622 ;
C 41 ; WX 600 ; N parenright ; B 160 -108 331 622 ;
C 42 ; WX 600 ; N asterisk ; B 116 257 484 607 ;
C 43 ; WX 600 ; N plus ; B 80 44 520 470 ;
C 44 ; WX 600 ; N comma ; B 181 -112 344 122 ;
Open Source Used In MKS Edge 1.6.0 1.6.0.268 3747
CC gcaron 2 ; PCC g 0 0 ; PCC caron -30 0 ;
CC iacute 2 ; PCC dotlessi 0 0 ; PCC acute 0 0 ;
CC icircumflex 2 ; PCC dotlessi 0 0 ; PCC circumflex -30 0 ;
CC idieresis 2 ; PCC dotlessi 0 0 ; PCC dieresis -30 0 ;
CC igrave 2 ; PCC dotlessi 0 0 ; PCC grave -30 0 ;
CC ntilde 2 ; PCC n 0 0 ; PCC tilde 0 0 ;
CC oacute 2 ; PCC o 0 0 ; PCC acute 0 0 ;
CC ocircumflex 2 ; PCC o 0 0 ; PCC circumflex 0 0 ;
CC odieresis 2 ; PCC o 0 0 ; PCC dieresis 0 0 ;
CC ograve 2 ; PCC o 0 0 ; PCC grave 0 0 ;
CC otiodot 2 ; PCC o 0 0 ; PCC tilde 0 0 ;
CC scaron 2 ; PCC s 0 0 ; PCC caron 0 0 ;
CC ucircumflex 2 ; PCC u 0 0 ; PCC circumflex -10 0 ;
CC ucircumflex 2 ; PCC u 0 0 ; PCC circumflex -10 0 ;
CC udieresis 2 ; PCC u 0 0 ; PCC dieresis 0 0 ;
CC ugrave 2 ; PCC u 0 0 ; PCC grave -30 0 ;
CC yacute 2 ; PCC y 0 0 ; PCC acute -20 0 ;
CC ydieresis 2 ; PCC y 0 0 ; PCC dieresis -10 0 ;
CC zcaron 2 ; PCC z 0 0 ; PCC caron 10 0 ;
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EndFontMetrics
StartFontMetrics 2.0
Comment Creation Date: Tue Jan 21 16:13:29 1992
Comment UniqueID 37831
Comment VMusage 31983 38875
FontName Bookman-Demi
FullName ITC Bookman Demi
FamilyName ITC Bookman
Weight Demi
ItalicAngle 0
IsFixedPitch false
FontBBox -194 -250 1346 934
UnderlinePosition -100
UnderlineThickness 50
Version 001.004
Notice Copyright (c) 1985, 1987, 1989, 1992 Adobe Systems Incorporated. All Rights Reserved. ITC Bookman is a registered trademark of International Typeface Corporation.
EncodingScheme AdobeStandardEncoding
CapHeight 681
XHeight 502
Ascender 725
Descender -212
StartCharMetrics 228
C 32 ; WX 340 ; N space ; B 0 0 0 0 ;
C 33 ; WX 360 ; N exclaim ; B 82 -8 282 698 ;
C 34 ; WX 420 ; N quotedbl ; B 11 379 369 698 ;
C 35 ; WX 660 ; N numbersign ; B 84 0 576 681 ;
Open Source Used In MKS Edge 1.6.0 1.6.0.268 3756
C -1 ; WX 720 ; N Atilde ; B -34 0 763 870 ;
C -1 ; WX 720 ; N Aring ; B -34 0 763 934 ;
C -1 ; WX 800 ; N Odieresis ; B 35 -17 769 877 ;
C -1 ; WX 720 ; N Adieresis ; B -34 0 763 877 ;
C -1 ; WX 740 ; N Ntilde ; B 20 0 724 909 ;
C -1 ; WX 640 ; N zcaron ; B 6 0 635 896 ;
C -1 ; WX 660 ; N Thorn ; B 20 0 658 681 ;
C -1 ; WX 400 ; N Iacute ; B 20 0 379 910 ;
C -1 ; WX 600 ; N plusminus ; B 51 0 555 514 ;
C -1 ; WX 600 ; N multiply ; B 48 10 552 514 ;
C -1 ; WX 720 ; N Ecute ; B 20 0 724 910 ;
C -1 ; WX 700 ; N Ydieresis ; B -20 0 718 877 ;
C -1 ; WX 740 ; N Ntilde ; B 22 -8 653 730 ;
C -1 ; WX 660 ; N upgrave ; B 22 -8 653 730 ;
C -1 ; WX 600 ; N logicalnot ; B 51 129 555 421 ;
C -1 ; WX 680 ; N ntilde ; B 22 0 652 691 ;
C -1 ; WX 800 ; N Otilde ; B 35 -17 769 870 ;
C -1 ; WX 620 ; N otilde ; B 31 -8 585 691 ;
C -1 ; WX 740 ; N Ccedilla ; B 35 -213 724 698 ;
C -1 ; WX 720 ; N Agrave ; B -34 0 763 909 ;
C -1 ; WX 990 ; N onehalf ; B 65 0 980 681 ;
C -1 ; WX 780 ; N Eth ; B 20 0 748 681 ;
C -1 ; WX 400 ; N degree ; B 50 398 350 698 ;
C -1 ; WX 700 ; N Yacute ; B -20 0 718 910 ;
C -1 ; WX 800 ; N Ocircumflex ; B 35 -17 769 910 ;
C -1 ; WX 620 ; N oacute ; B 31 -8 585 731 ;
C -1 ; WX 660 ; N mu ; B 22 -221 724 698 ;
C -1 ; WX 600 ; N minus ; B 51 207 555 323 ;
C -1 ; WX 620 ; N eth ; B 31 -8 585 741 ;
C -1 ; WX 620 ; N odieresis ; B 31 -8 585 698 ;
C -1 ; WX 740 ; N copyright ; B 23 -17 723 698 ;
C -1 ; WX 600 ; N brokenbar ; B 243 -175 362 675 ;
EndCharMetrics
StartKernData
StartKernPairs 90

KPX A y -1
KPX A w -9
KPX A v -8
KPX A Y -52
KPX A W -20
KPX A V -68
KPX A T -40

KPX F period -132
KPX F comma -130
KPX F A -59
KPX W period -105
KPX W o -78
KPX W i 15
KPX W hyphen -10
KPX W e -79
KPX W comma -103
KPX W colon -37
KPX W a -73
KPX W A -60

KPX Y v 24
KPX Y u -13
KPX Y semicolon -34
KPX Y q -66
KPX Y period -105
KPX Y p -23
KPX Y o -66
KPX Y i 2
KPX Y hyphen -10
KPX Y e -67
KPX Y comma -103
KPX Y colon -32
KPX Y a -60
KPX Y A -56

KPX f f 21

KPX r q -9
KPX r period -102
KPX r o -9
KPX r n 20
KPX r m 20
KPX r hyphen -10
KPX r h -23
KPX r g -9
KPX r f 20
KPX r e -10
KPX r d -10
KPX r comma -101
KPX r c -9
EndKernPairs
EndKernData
StartComposites 56
CC Aacute 2 ; PCC A 0 0 ; PCC acute 160 179 ;
CC Acircumflex 2 ; PCC A 0 0 ; PCC circumflex 110 179 ;
CC Adieresis 2 ; PCC A 0 0 ; PCC dieresis 110 179 ;
CC Agrave 2 ; PCC A 0 0 ; PCC grave 160 179 ;
CC Aring 2 ; PCC A 0 0 ; PCC ring 190 179 ;
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EndCharMetrics
StartKernData
StartKernPairs 239

KPX A y -33
KPX A w -25
KPX A v -10
KPX A u -15
KPX A quoteright -95
KPX A quotedblright -95
KPX A Y -70
KPX A W -84
KPX A V -100
KPX A U -32
KPX A T 5
KPX A Q 5
KPX A O 5
KPX A G 5
KPX A C 5

KPX B period 15
KPX B comma 15
KPX B U 15
KPX B A -11

KPX C A -5

KPX D period -11
KPX D comma -11
KPX D Y 6
KPX D W -11
KPX D V -18
KPX W colon -22
KPX W a -33
KPX W O -11
KPX W A -66

KPX Y u -58
KPX Y semicolon -55
KPX Y period -91
KPX Y o -77
KPX Y i -22
KPX Y hyphen -91
KPX Y e -71
KPX Y comma -91
KPX Y colon -55
KPX Y a -77
KPX Y A -79

KPX a y -8
KPX a w -8
KPX a v 6

KPX b y -6
KPX b v 8
KPX b period 6
KPX b comma 6

KPX c y -20
KPX c period -8
KPX c l -13
KPX c k -8
KPX c h -18
KPX c comma -8

KPX colon space -18

KPX comma space -18
KPX comma quoteright -18
KPX comma quotedblright -18

KPX d y -15
KPX d w -15

KPX e y -15
KPX e x -5
KPX e w -15
KPX e p -11
KPX e g -4
KPX e b -8
 KPX v comma -11
 KPX v a -6

 KPX w period -17
 KPX w o -14
 KPX w e -8
 KPX w comma -17
 KPX w a -14

 KPX x e 5

 KPX y period -25
 KPX y o 8
 KPX y e 15
 KPX y comma -25
 KPX y a 8

 KPX z e 4
 EndKernPairs
 EndKernData
 StartComposites 56
 CC Aacute 2 ; PCC A 0 0 ; PCC acute 259 225 ;
 CC Acircumflex 2 ; PCC A 0 0 ; PCC circumflex 259 225 ;
 CC Adieresis 2 ; PCC A 0 0 ; PCC dieresis 259 225 ;
 CC Agrave 2 ; PCC A 0 0 ; PCC grave 259 225 ;
 CC Aring 2 ; PCC A 0 0 ; PCC ring 229 245 ;
 CC Atilde 2 ; PCC A 0 0 ; PCC tilde 259 225 ;
 CC Eacute 2 ; PCC E 0 0 ; PCC acute 296 225 ;
 CC Ecircumflex 2 ; PCC E 0 0 ; PCC circumflex 296 225 ;
 CC Edieresis 2 ; PCC E 0 0 ; PCC dieresis 296 225 ;
 CC Egrave 2 ; PCC E 0 0 ; PCC grave 296 225 ;
 CC Iacute 2 ; PCC I 0 0 ; PCC acute 116 225 ;
 CC Icircumflex 2 ; PCC I 0 0 ; PCC circumflex 116 225 ;
 CC Idieresis 2 ; PCC I 0 0 ; PCC dieresis 116 225 ;
 CC Igrave 2 ; PCC I 0 0 ; PCC grave 116 225 ;
 CC Ntilde 2 ; PCC N 0 0 ; PCC tilde 326 225 ;
 CC Oacute 2 ; PCC O 0 0 ; PCC acute 315 225 ;
 CC Ocircumflex 2 ; PCC O 0 0 ; PCC circumflex 315 225 ;
 CC Odieresis 2 ; PCC O 0 0 ; PCC dieresis 315 225 ;
 CC Ograve 2 ; PCC O 0 0 ; PCC grave 315 225 ;
 CC Otilde 2 ; PCC O 0 0 ; PCC tilde 315 225 ;
 CC Scaron 2 ; PCC S 0 0 ; PCC caron 206 225 ;
 CC Uacute 2 ; PCC U 0 0 ; PCC acute 340 225 ;
 CC Ucircumflex 2 ; PCC U 0 0 ; PCC circumflex 340 225 ;
 CC Udieresis 2 ; PCC U 0 0 ; PCC dieresis 340 225 ;
 CC Ugrave 2 ; PCC U 0 0 ; PCC grave 340 225 ;
 CC Yacute 2 ; PCC Y 0 0 ; PCC acute 246 225 ;
 CC Ydieresis 2 ; PCC Y 0 0 ; PCC dieresis 236 225 ;
CC Zcaron 2 ; PCC Z 0 0 ; PCC caron 226 225 ;
CC aacute 2 ; PCC a 0 0 ; PCC acute 167 0 ;
CC acircumflex 2 ; PCC a 0 0 ; PCC circumflex 167 0 ;
CC adieresis 2 ; PCC a 0 0 ; PCC dieresis 167 0 ;
CC agrave 2 ; PCC a 0 0 ; PCC grave 167 0 ;
CC aring 2 ; PCC a 0 0 ; PCC ring 167 0 ;
CC atilde 2 ; PCC a 0 0 ; PCC tilde 167 0 ;
CC eacute 2 ; PCC e 0 0 ; PCC acute 93 0 ;
CC ecircumflex 2 ; PCC e 0 0 ; PCC circumflex 93 0 ;
CC edieresis 2 ; PCC e 0 0 ; PCC dieresis 93 0 ;
CC egrave 2 ; PCC e 0 0 ; PCC grave 93 0 ;
CC iacute 2 ; PCC dotlessi 0 0 ; PCC acute -2 -7 ;
CC icircumflex 2 ; PCC dotlessi 0 0 ; PCC circumflex -2 -7 ;
CC idieresis 2 ; PCC dotlessi 0 0 ; PCC dieresis -2 -7 ;
CC igrave 2 ; PCC dotlessi 0 0 ; PCC grave -2 -7 ;
CC ntilde 2 ; PCC n 0 0 ; PCC tilde 176 0 ;
CC oacute 2 ; PCC o 0 0 ; PCC acute 121 0 ;
CC ocircumflex 2 ; PCC o 0 0 ; PCC circumflex 121 0 ;
CC odieresis 2 ; PCC o 0 0 ; PCC dieresis 121 0 ;
CC oggrave 2 ; PCC o 0 0 ; PCC grave 121 0 ;
CC otilde 2 ; PCC o 0 0 ; PCC tilde 121 0 ;
CC scaron 2 ; PCC s 0 0 ; PCC caron 74 0 ;
CC uacute 2 ; PCC u 0 0 ; PCC acute 176 0 ;
CC ucircumflex 2 ; PCC u 0 0 ; PCC circumflex 176 0 ;
CC udieresis 2 ; PCC u 0 0 ; PCC dieresis 176 0 ;
CC ugrave 2 ; PCC u 0 0 ; PCC grave 176 0 ;
CC yacute 2 ; PCC y 0 0 ; PCC acute 93 0 ;
CC ydieresis 2 ; PCC y 0 0 ; PCC dieresis 93 0 ;
CC zcaron 2 ; PCC z 0 0 ; PCC caron 63 -10 ;
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Comment VMusage 14482 68586
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FullName Helvetica Bold Oblique
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Weight Bold
ItalicAngle -12
IsFixedPitch false
CharacterSet ExtendedRoman
FontBBox -174 -228 1114 962
UnderlinePosition -100
UnderlineThickness 50
Version 002.000
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EncodingScheme AdobeStandardEncoding
CapHeight 718
XHeight 532
Ascender 718
Descender -207
StdHW 118
StdVW 140
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C 32 ; WX 278 ; N space ; B 0 0 0 0 ;
C 33 ; WX 333 ; N exclam ; B 94 0 397 718 ;
C 34 ; WX 474 ; N quotedbl ; B 193 447 529 718 ;
C 35 ; WX 556 ; N numbersign ; B 60 0 644 698 ;
C 36 ; WX 556 ; N dollar ; B 67 -115 622 775 ;
C 37 ; WX 889 ; N percent ; B 136 -19 901 710 ;
C 38 ; WX 722 ; N ampersand ; B 89 -19 732 718 ;
C 39 ; WX 278 ; N quoteright ; B 167 445 362 718 ;
C 40 ; WX 333 ; N parenleft ; B 76 -208 470 734 ;
C 41 ; WX 333 ; N parenright ; B -25 -208 369 734 ;
C 42 ; WX 389 ; N asterisk ; B 146 387 481 718 ;
C 43 ; WX 584 ; N plus ; B 82 0 610 506 ;
C 44 ; WX 278 ; N comma ; B 28 -168 245 146 ;
C 45 ; WX 333 ; N hyphen ; B 73 215 379 345 ;
C 46 ; WX 278 ; N period ; B 64 0 245 146 ;
C 47 ; WX 278 ; N slash ; B -37 -19 468 737 ;
C 48 ; WX 556 ; N zero ; B 86 -19 617 710 ;
C 49 ; WX 556 ; N one ; B 173 0 529 710 ;
C 50 ; WX 556 ; N two ; B 26 0 619 710 ;
C 51 ; WX 556 ; N three ; B 65 -19 608 710 ;
C 52 ; WX 556 ; N four ; B 60 0 598 710 ;
C 53 ; WX 556 ; N five ; B 64 -19 636 698 ;
C 54 ; WX 556 ; N six ; B 85 -19 619 710 ;
C 55 ; WX 556 ; N seven ; B 125 0 676 698 ;
C 56 ; WX 556 ; N eight ; B 69 -19 616 710 ;
C 57 ; WX 556 ; N nine ; B 78 -19 615 710 ;
C 58 ; WX 333 ; N colon ; B 92 0 351 512 ;
C 59 ; WX 333 ; N semicolon ; B 56 -168 351 512 ;
C 60 ; WX 584 ; N less ; B 82 -8 655 514 ;
C 61 ; WX 584 ; N equal ; B 58 87 633 419 ;
C 62 ; WX 584 ; N greater ; B 36 -8 609 514 ;
C 63 ; WX 611 ; N question ; B 165 0 671 727 ;
C 64 ; WX 975 ; N at ; B 186 -19 954 737 ;
C 65 ; WX 722 ; N A ; B 20 0 702 718 ;
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C 69 ; WX 667 ; N E ; B 76 0 757 718 ;
C 70 ; WX 611 ; N F ; B 76 0 740 718 ;
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KPX A Ocircumflex -40
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KPX A Ohungarumlaut -40
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KPX Aogonek Ccedilla -40
KPX Aogonek G -50
KPX Aogonek Gbreve -50
KPX Aogonek Gcommaaccent -50
KPX Aogonek O -40
KPX Aogonek Oacute -40

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<td>KPX b uhungarumlaut</td>
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KPX edotaccent comma 10
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KPX period quoteright -120
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KPX zacute eacute 10
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Open Source Used In MKS Edge 1.6.0 1.6.0.268 3841
KPX o v -27.778
KPX o j 55.556
KPX o y -27.778
KPX o w -27.778
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KPX p x -27.778
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KPX t w -27.778
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EndKernPairs
EndKernData
EndFontMetrics
# Seaborn common parameters
# .15 = dark_gray
# .8 = light_gray
figure.facecolor: white
text.color: .15
axes.labelcolor: .15
legend.frameon: False
legend.numpoints: 1
legend.scatterpoints: 1
xtick.direction: out
ytick.direction: out
xtick.color: .15
ytick.color: .15
axes.axisbelow: True
image.cmap: Greys
font.family: sans-serif
font.sans-serif: Arial, Liberation Sans, DejaVu Sans, Bitstream Vera Sans, sans-serif
grid.linestyle: -
lines.solid_capstyle: round

# Seaborn white parameters
axes.grid: False
axes.facecolor: white
axes.edgecolor: .15
axes.linewidth: 1.25
grid.color: .8
xtick.major.size: 0
ytick.major.size: 0
xtick.minor.size: 0
ytick.minor.size: 0
# Set black background default line colors to white.

lines.color: white
patch.edgecolor: white
text.color: white
axes.facecolor: black
axes.edgecolor: white
axes.labelcolor: white
axes.prop_cycle: cycler('color', ['8dd3c7', 'feffb3', 'bfbbd9', 'fa8174', '81b1d2', 'fdb462', 'b3de69', 'bc82bd', 'ccebc4', 'ffed6f'])

xtick.color: white
ytick.color: white

grid.color: white

figure.facecolor: black
figure.edgecolor: black

savefig.facecolor: black
savefig.edgecolor: black
StartFontMetrics 2.0
Comment Copyright (c) 1985, 1987, 1989, 1990 Adobe Systems Incorporated. All rights reserved.
Comment Creation Date: Thu Mar 15 11:25:48 1990
Comment UniqueID 28389
Comment VMusage 7572 42473
FontName Helvetica-Narrow-Oblique
FullName Helvetica Narrow Oblique
FamilyName Helvetica
Weight Medium
Open Source Used In MKS Edge 1.6.0 1.6.0.268 3848
Open Source Used In MKS Edge 1.6.0 1.6.0.268 3851
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KPX K u -30
KPX K o -40
KPX K e -40
KPX K O -50
KPX L y -30
KPX L quotedblright -160
KPX L quotedblright -140
KPX L Y -140
KPX L W -70
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KPX o slash a -55

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KPX p comma -35

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KPX w a -15

KPX x e -30

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KPX y a -20

KPX z o -15
KPX z e -15
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EndKernData
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CC Acircumflex 2 ; PCC A 0 0 ; PCC circumflex 171 195 ;
CC Adieresis 2 ; PCC A 0 0 ; PCC dieresis 171 195 ;
CC Agrave 2 ; PCC A 0 0 ; PCC grave 171 195 ;
CC Aring 2 ; PCC A 0 0 ; PCC ring 167 175 ;
CC Atilde 2 ; PCC A 0 0 ; PCC tilde 171 195 ;
CC Ccedilla 2 ; PCC C 0 0 ; PCC cedilla 160 0 ;
CC Ecute 2 ; PCC E 0 0 ; PCC acute 171 195 ;
CC Ecircumflex 2 ; PCC E 0 0 ; PCC circumflex 171 195 ;
CC Edieresis 2 ; PCC E 0 0 ; PCC dieresis 171 195 ;
CC Egrave 2 ; PCC E 0 0 ; PCC grave 171 195 ;
CC Iacute 2 ; PCC I 0 0 ; PCC acute 12 195 ;
CC Icircumflex 2 ; PCC I 0 0 ; PCC circumflex 12 195 ;
CC Idieresis 2 ; PCC I 0 0 ; PCC dieresis 12 195 ;
CC Igrave 2 ; PCC I 0 0 ; PCC grave 12 195 ;
CC Ntilde 2 ; PCC N 0 0 ; PCC tilde 202 195 ;
CC Oacute 2 ; PCC O 0 0 ; PCC acute 217 195 ;
CC Ocute 2 ; PCC O 0 0 ; PCC circumflex 217 195 ;
CC Odieresis 2 ; PCC O 0 0 ; PCC dieresis 217 195 ;
CC Ograve 2 ; PCC O 0 0 ; PCC grave 217 195 ;
CC Otild 2 ; PCC O 0 0 ; PCC tilde 217 195 ;
CC Scaron 2 ; PCC S 0 0 ; PCC caron 171 195 ;
CC Uacute 2 ; PCC U 0 0 ; PCC acute 194 195 ;
CC Ucircumflex 2 ; PCC U 0 0 ; PCC circumflex 194 195 ;
CC Udieresis 2 ; PCC U 0 0 ; PCC dieresis 194 195 ;
CC Ugrave 2 ; PCC U 0 0 ; PCC grave 194 195 ;
CC Yacute 2 ; PCC Y 0 0 ; PCC acute 171 195 ;
CC Ydieresis 2 ; PCC Y 0 0 ; PCC dieresis 171 195 ;
CC Ygrave 2 ; PCC Y 0 0 ; PCC grave 148 195 ;
CC aacute 2 ; PCC a 0 0 ; PCC acute 92 0 ;
CC acircumflex 2 ; PCC a 0 0 ; PCC circumflex 92 0 ;
CC adieresis 2 ; PCC a 0 0 ; PCC dieresis 92 0 ;
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> .V#FozUdviD])n
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*1665511.12($% &lt;UQSmB3EkgqEgoT]cLGcG6+F]m5WnPT2 **vibT"[N0#%$110&
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NJY
Comment The following are bogus kern pairs for TeX positioning of accents

StartKernData

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KPX C prime 138.889
KPX D prime 83.333
KPX E prime 111.111
KPX F prime 111.111
KPX G prime 111.111
KPX H prime 111.111
KPX I prime 27.778
KPX J prime 166.667
KPX K prime 55.556
KPX L prime 138.889
KPX M prime 138.889
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KPX O prime 111.111
KPX P prime 83.333
KPX Q prime 111.111
KPX R prime 83.333
KPX S prime 138.889
KPX T prime 27.778
KPX U prime 83.333
KPX V prime 27.778
KPX W prime 83.333
KPX X prime 138.889
KPX Y prime 83.333
KPX Z prime 138.889
EndKernPairs

EndKernData
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Version 1.1

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```
#!/usr/bin/env fontforge

i=1
while ( i<$argc )
  Open($argv[i])
  Generate($argv[i]:r + ".ttf")
i = i+1
```
endloop

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24 May 2010

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Comment VMusage 43909 54934
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FullName Times Roman
FamilyName Times
Weight Roman
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IsFixedPitch false
CharacterSet ExtendedRoman
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UnderlinePosition -100
UnderlineThickness 50
Version 002.000
EncodingScheme AdobeStandardEncoding
CapHeight 662
XHeight 450
Ascender 683
Descender -217
StdHW 28
StdVW 84
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KPX T A -25

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KPX U A -40

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EndKernData
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CC Atilde 2 ; PCC A 0 0 ; PCC tilde 130 170 ;
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CC Ecircumflex 2 ; PCC E 0 0 ; PCC circumflex -10 170 ;
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EndComposites
EndFontMetrics
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# darkgrid + deep palette + notebook context

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axes.edgecolor: white
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axes.grid: True
axes.labelcolor: .15
axes.labelsize: 11
axes.linewidth: 0
axes.prop_cycle: cycler('color', ['4C72B0', '55A868', 'C44E52', '8172B2', 'CCB974', '64B5CD'])
axes.titlesize: 12

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1.271 gobject-introspection 1.56.1-1.el7

1.271.1 Available under license:

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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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1.274 pax-utils 1.2.3 r0

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1.275 dumb-init 1.1.3

1.276 jackson-dataformat-yaml 2.4.2
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ARCHIVE LOCATIONS Where to find newer versions of this software.
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Other documentation files in the distribution are:

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

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

Please read at least the files install.doc and usage.doc. Useful 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 compression and decompression. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images. JPEG is intended for compressing "real-world" scenes; line drawings, cartoons and other non-realistic images are not its strong suit. JPEG is lossy, meaning that the output image is not exactly identical to the input image. Hence you must not use JPEG if you have to have identical output bits. However, on typical photographic images, very good compression levels can be obtained with no visible change, and remarkably high compression levels are possible if you can tolerate a low-quality image. For more details, see the references, or just experiment with various compression settings.

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.
For legal reasons, we are not distributing code for the arithmetic-coding variants of JPEG; see LEGAL ISSUES. 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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that you must include source code if you redistribute it. (See the file
ansi2knr.c for full details.) However, since ansi2knr.c is not needed as part
of any program generated from the IJG code, this does not limit you more than
the foregoing paragraphs do.

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,
ltconfig, ltmain.sh). Another support script, install-sh, is copyright
by M.I.T. but is also freely distributable.
It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

We are required to state that
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REFERENCES
==========

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

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

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

The JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging $95 for Part 1 and $47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

Some extensions to the original JPEG standard are defined in JPEG Part 3, a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG currently does not support any Part 3 extensions.

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. A copy of the JFIF spec is available from:

Literature Department
C-Cube Microsystems, Inc.
1778 McCarthy Blvd.
Milpitas, CA 95035
phone (408) 944-6300, fax (408) 944-6314

A PostScript version of this document is available by FTP at ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz. There is also a plain text version at ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from ftp.sgi.com or from ftp://ftp.uu.net/graphics/jpeg/. 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. libtiff is available from ftp://ftp.sgi.com/graphics/tiff/.

ARCHIVE LOCATIONS
================

The "official" archive site for this software is ftp.uu.net (Internet address 192.48.96.9). The most recent released version can always be found there in directory graphics/jpeg. This particular version will be archived as ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz. If you don't have direct Internet access, UUNET's archives are also available via UUCP; contact help@uunet.uu.net for information on retrieving files that way.

Numerous Internet sites maintain copies of the UUNET files. However, only ftp.uu.net is guaranteed to have the latest official version.

You can also obtain this software in DOS-compatible "zip" archive format from the SimTel archives (ftp://ftp.simtel.net/pub/simtelnet/msdos/graphics/), or on CompuServe in the Graphics Support forum (GO CIS:GRAPHSUP), library 12 "JPEG Tools". Again, these versions may sometimes lag behind the ftp.uu.net release.

The JPEG FAQ (Frequently Asked Questions) article is a useful source of general information about JPEG. It is updated constantly and therefore is not included in this distribution. The FAQ is posted every two weeks to Usenet newsgroups comp.graphics.misc, news.answers, and other groups. It is available on the World Wide Web at http://www.faqs.org/faqs/jpeg-faq/ and other news.answers archive sites, including the official news.answers archive at rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/.

If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body

send usenet/news.answers/jpeg-faq/part1
send usenet/news.answers/jpeg-faq/part2

RELATED SOFTWARE
================

Numerous viewing and image manipulation programs now support JPEG. (Quite a few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBMPLUS software, which provides many useful operations on PPM-format image
files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites, notably ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/. Unfortunately PBMPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford, is available from ftp://havefun.stanford.edu/pub/jpeg/. This program is designed for research and experimentation rather than production use; it is slower, harder to use, and less portable than the IJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we do not. (On the other hand, it doesn't do progressive JPEG.)

FILE FORMAT WARS
================

Some JPEG programs produce files that are not compatible with our library. The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read. (For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

The file format we have adopted is called JFIF (see REFERENCES). This format has been agreed to by a number of major commercial JPEG vendors, and it has become the de facto standard. JFIF is a minimal or "low end" representation. We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF Technical Note #2) for "high end" applications that need to record a lot of additional data about an image. TIFF/JPEG is fairly new and not yet widely supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

Various proprietary file formats incorporating JPEG compression also exist. We have little or no sympathy for the existence of these formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, open format standards for JPEG files. Don't use a proprietary file format!
TO DO
=====

The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without sacrificing compatibility.

In future versions, we are considering supporting some of the upcoming JPEG Part 3 extensions --- principally, variable quantization and the SPIFF file format.

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to jpeg-info@uunet.uu.net.

1.279 metrics-jvm 4.1.0

1.280 protobuf-c 1.3.0-r6

1.280.1 Available under license:

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1.281 libjpeg-turbo 1.5.2-0ubuntu5.18.04.4

1.281.1 Available under license:

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===============================

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### 1.282 jetty-client 9.4.18.v20190429

1.282.1 Available under license:

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**Eclipse**

The following artifacts are EPL.

* `org.eclipse.jetty.orbit:org.eclipse.jdt.core`

The following artifacts are EPL and ASL2.

* `org.eclipse.jetty.orbit:javax.security.auth.message`

The following artifacts are EPL and CDDL 1.0.

* `org.eclipse.jetty.orbit:javax.mail.glassfish`

-----

**Oracle**

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html
* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

------

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

------

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

------

MortBay

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies. This program and the accompanying materials are made available under the terms of the Eclipse Public License 2.0 which is available at http://www.eclipse.org/legal/epl-2.0, or the Apache Software License 2.0 which is available at https://www.apache.org/licenses/LICENSE-2.0.

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* java.sun.security.ssl

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org.ow2.asm:asm-commons
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org.apache.tomcat:tomcat-jsp-api
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org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
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org.apache.tomcat:tomcat-el-api

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org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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This package was debianized by Nathan Scott nathans@debian.org on Tue, 26 Feb 2002 13:25:26 +1100

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This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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Appendix: How to Apply These Terms to Your New Programs

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to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least
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`Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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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
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b) 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.

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.

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

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. 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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1.290 jetty-xml 9.4.18.v20190429

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Eclipse

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish
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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
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http://openjdk.java.net/legal/gplv2+ce.html

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OW2

The following artifacts are licensed by the OW2 Foundation according to the
terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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MortBay
The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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1.293 go-yaml 2.2.8

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1.296 bzip2 1.0.8-r1
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Julian Seward, jseward@acm.org
bzip2/libbzip2 version 1.0.8 of 13 July 2019
1.297 glibc 2.17

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Sieger, Nick
Simon, Thor Lancelot
Slemko, Marc
Smith, Andy
Sobrado, Igor
Soulen, Steven
The following people have worked to translate sudo into other languages:

Blittermann, Mario
Bogusz, Jakub
Casagrande, Milo
Castro, Felipe
Cho, Seong-ho
Chornoivan, Yuri
Diguez, Francisco
Ferreira, Rafael
Garca-Fontes, Walter
Gezer, Volkan
Hamasaki, Takeshi
Hamming, Peter
Hansen, Joe
Hantrais, Frédric
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* /opt/cola/permits/1110631072_1606841294.0/0/validation-api-1-1-0-final-sources-3-
  jar/javax/validation/GroupDefinitionException.java
* /opt/cola/permits/1110631072_1606841294.0/0/validation-api-1-1-0-final-sources-3-
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```
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```
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1.306 go-restful 3.3.0
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The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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MortBay

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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1.320 jaxb-api 2.3.1

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* /opt/cola/permits/1103764652_1604346158.91/0/chronicle-bytes-2-17-20-sources-jar/net/openhft/chronicle/bytes/algo/BytesStoreHash.java
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1.322 config 1.2.0

1.323 tpm2-tss 4.0.0.0-1

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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.

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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.

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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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.

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

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be 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.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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We call this license the @dfn{Lesser} General Public License because it does @emph{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.

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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.)
@end enumerate

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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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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.

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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 reproducing the executable from it. However, as a special exception, the materials to be 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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That's all there is to it!

// DO NOT EDIT THIS FILE - it is machine generated -*- c++ -*-

#ifndef __gnu_javax_sound_AudioSecurityManager$Permission__
#define __gnu_javax_sound_AudioSecurityManager$Permission__

#pragma interface

#include <java/lang/Enum.h>
#include <gcj/array.h>

extern "Java"
{
namespace gnu
{
namespace javax
{
namespace sound
{
    class AudioSecurityManager$Permission;
}
}
}
}

class gnu::javax::sound::AudioSecurityManager$Permission : public ::java::lang::Enum
{

AudioSecurityManager$Permission(::java::lang::String *, jint);

public:
    static JArray< ::gnu::javax::sound::AudioSecurityManager$Permission * > * values();
    static ::gnu::javax::sound::AudioSecurityManager$Permission * valueOf(::java::lang::String *);
    static ::gnu::javax::sound::AudioSecurityManager$Permission * PLAY;
    static ::gnu::javax::sound::AudioSecurityManager$Permission * RECORD;
    static ::gnu::javax::sound::AudioSecurityManager$Permission * ALL;

private:
    static JArray< ::gnu::javax::sound::AudioSecurityManager$Permission * > * ENUM$VALUES;

public:
    static ::java::lang::Class class$;
};

#endif // __gnu_javax_sound_AudioSecurityManager$Permission__

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Jan 21, 2002

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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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(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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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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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
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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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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
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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.

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
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<table>
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<tr>
<th>Program</th>
<th>Directory</th>
</tr>
</thead>
<tbody>
<tr>
<td>mach_override</td>
<td>lib/interception/mach_override</td>
</tr>
</tbody>
</table>

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Program     Directory
------------ ---------
mach_override   lib/interception/mach_override

// DO NOT EDIT THIS FILE - it is machine generated -*- c++ -*-

#ifndef __gnu_javax_sound_AudioSecurityManager$Permission__
define __gnu_javax_sound_AudioSecurityManager$Permission__

#pragma interface

#include <java/lang/Enum.h>
#include <gcj/array.h>

extern "Java"
{
namespace gnu
{
namespace javax
{
namespace sound
{
class AudioSecurityManager$Permission;
}
}
}

class gnu::javax::sound::AudioSecurityManager$Permission : public ::java::lang::Enum
{
 AudioSecurityManager$Permission(::java::lang::String *, jint);
 public:
 static JArray< ::gnu::javax::sound::AudioSecurityManager$Permission * > * values();
 static ::gnu::javax::sound::AudioSecurityManager$Permission * valueOf(::java::lang::String *);
 static ::gnu::javax::sound::AudioSecurityManager$Permission * PLAY;
 static ::gnu::javax::sound::AudioSecurityManager$Permission * RECORD;
 static ::gnu::javax::sound::AudioSecurityManager$Permission * ALL;
 private:
 static JArray< ::gnu::javax::sound::AudioSecurityManager$Permission * > * ENUMSVALUES;
public:
static ::java::lang::Class class$;
};

#endif // __gnu_javax_sound_AudioSecurityManager$Permission__

Jan 21, 2002

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// DO NOT EDIT THIS FILE - it is machine generated -*- c++ -*-

#ifndef __java_security_Permission__
#define __java_security_Permission__

#pragma interface

#include <java/lang/Object.h>
extern "Java"
{
namespace java
{
namespace security
{
class Permission;
class PermissionCollection;
}
}
}

class java::security::Permission : public ::java::lang::Object
{
public:
   Permission(::java::lang::String *);
   virtual void checkGuard(::java::lang::Object *);
   virtual jboolean implies(::java::security::Permission *) = 0;
   virtual jboolean equals(::java::lang::Object *) = 0;
   virtual jint hashCode() = 0;
   virtual ::java::lang::String * getName();
   virtual ::java::lang::String * getActions() = 0;
   virtual ::java::security::PermissionCollection * newPermissionCollection();
   virtual ::java::lang::String * toString();

private:
   static const jlong serialVersionUID = -5636570222231596674LL;
   ::java::lang::String * __attribute__((aligned(__alignof__( ::java::lang::Object)))) name;
   public:
   static ::java::lang::Class class$;
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Version 3, 29 June 2007

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HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

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More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood. Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports. Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detiefs(detiefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks(aga@uts.amdahl.com) supplied the NetBSD and 386BSD ports.
Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task). Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)

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David Megginson, sax@megginson.com
1998-05-11

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2000-05-05

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*m4/ax_func_which_gethostbyname_r.m4*

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" Automatically generated by Pod::Man 2.16 (Pod::Simple 3.05)
" Standard preamble:
" ========================================================================
.de Sh " Subsection heading
.br
.if t .Sp
.ne 5
.PP
\fB\$1\fR
.PP
.. .de Sp " Vertical space (when we can't use .PP)
.. .if t .sp .5v
.. .if n .sp
.. .de Vb " Begin verbatim text
.. .ft CW
.. .nf
\^ Set up some character translations and predefined strings. \^(- will
\^ give an unbreakable dash, \(^{PI} will give pi, \(^{L} will give a left
\^ double quote, and \(^{R} will give a right double quote. \(^{C+ will
\^ give a nicer C++. Capital\ omega is used to do unbreakable dashes and
\^ therefore won’t be available. \(^{C} and \(^{C'} expand to ‘‘ in nroff,
\^ nothing in troff, for use with C<<.
\tr \(^{W-}
\ds C+ C\\-1v\\h\\-1p\\s-2+\\h\\-1p\\s0\\v\\h\\-1p
\ie n \{\n    ds -- \(^{W-}
    ds PI pi
    if (n(H=4u)&(1m=24u) .ds -- \(^{W\\h\\-12u}(*W\\h\\-12u\\-\^) diablo 10 pitch
    if (n(H=4u)&(1m=20u) .ds -- \(^{W\\h\\-12u}(*W\\h\\-8u\\-\^) diablo 12 pitch
    ds L" "
    ds R" "
    ds C" "
    ds C" "
\}br\}
\el \{\n    ds -- \(\(\em\)
    ds PI \(^*p
    ds L" "
    ds R" "
\}br\}
\^ Escape single quotes in literal strings from groff's Unicode transform.
\ie \n(g .ds Aq \{aq
    .el .ds Aq '
\^ If the F register is turned on, we’ll generate index entries on stderr for
\^ titles (.TH), headers (.SH), subsections (.Sh), items (.Ip), and index
\^ entries marked with X<> in POD. Of course, you’ll have to process the
\^ output yourself in some meaningful fashion.
\ie \n(F \{\n    de IX
    tm Index:\\$1\\t\\n\\t\\\$2''
\}br\}
\el \{\n    nr % 0
    rr F
\]
Accent mark definitions (@(#)ms.acc 1.5 88/02/08 SMI; from UCB 4.2).

Fear. Run. Save yourself. No user-serviceable parts.

fudge factors for nroff and troff

```
if n {
  ds #H 0
  ds #V .8m
  ds #F .3m
  ds #*[F1
  ds #]
P
```

```
if t {
  ds #H ((1u-(\n(.fu%2u))*.13m)
  ds #V .6m
  ds #F 0
  ds #[ &
  ds #]
}
```

simple accents for nroff and troff

```
if n {
  ds `' &
  ds ` &
  ds ^ &
  ds , &
  ds ~ ~
}
```

```
if t {
  ds ' \k:h'-\n(.wu*8/10-(#H)\h'\n:u'
  ds ` \k:h'-\n(.wu*8/10-(#H)\h'\n:u'
  ds ^ \k:h'-\n(.wu*8/10-(#H)\h'\n:u'
  ds , \k:h'-\n(.wu*8/10-(#H)\h'\n:u'
  ds ~ \k:h'-\n(.wu*8/10-(#H)\h'\n:u'
  ds / \k:h'-\n(.wu*8/10-(#H)\h'\n:u'
}
```

troff and (daisy-wheel) nroff accents

```
ds : \k:k9h'-\n(.wu*8/10-(#H+1m*#F)'V\h'.2m+V*#F.'h]|\n:u'V*#V'
ds 8 \h'V*#F.'h'W*#V'
ds o \k:k9h'-\n(.wu*8/10-(#H)\h'\n:u'
ds d- \h'V*#F.'h'W*#V'
ds D- \k:k9h'-\n(.wu*8/10-(#H)\h'\n:u'
ds th 'V*#F.'h'W*#V'
ds Th 'V*#F.'h'W*#V'
ds Ae A\h'-\n(w'A'\n:u*4/10)'E
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#pragma interface

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extern "Java"
{
namespace java
{
namespace security
{
namespace acl
{
class java::security::acl::Permission : public ::java::lang::Object
{

public:
  virtual jboolean equals(::java::lang::Object *) = 0;
  virtual ::java::lang::String * toString() = 0;
  static ::java::lang::Class class$;
} __attribute__ ((java_interface));

#endif // __java_security_acl_Permission__

16/gnu/javax/sound/AudioSecurityManager$Permissionjava/lang/EnumPLAY1Lgnu/javax/sound/AudioSecurityMa
nager$Permission;RECORDALLENUMSVVALUES2Lgnu/javax/sound/AudioSecurityManager$Permission;<clinit
>)(VCode
<init>(Ljava/lang/String;I)V
LineNumberTableLocalVariableTable
thisvalues4[I_gnu/javax/sound/AudioSecurityManager$Permission;
$&%java/lang/System'(
arraycopy*(Ljava/lang/Object;ILjava/lang/Object;II)V
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/* Definitions for BSD assembler syntax for Intel 386
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   adapted to BSD conventions for symbol names and debugging.)
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<http://www.gnu.org/licenses/>. */

/* Use the Sequent Symmetry assembler syntax. */

/* Define the syntax of pseudo-ops, labels and comments. */

/* Prefix for internally generated assembler labels. If we aren't using
underscores, we are using prefix `.s' to identify labels that should
be ignored, as in `i386/gas.h' --karl@cs.umb.edu */

#define LPREFIX "L"

/* Assembler pseudos to introduce constants of various size. */

#define ASM_BYTE "l.byte/l"
#define ASM_SHORT "l.word/l"
#define ASM_LONG "l.long/l"
#define ASM_QUAD "l.quad/l"  /* Should not be used for 32bit compilation. */
/* This was suggested, but it shouldn’t be right for DBX output. -- RMS */
#define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */

/* Define the syntax of labels and symbol definitions/declarations. */

/* This is how to output an assembler line */
that says to advance the location counter by SIZE bytes. */

#define ASM_OUTPUT_SKIP(FILE, SIZE) 
    fprintf (FILE, "t.space "HOST_WIDE_INT_PRINT_UNSIGNED\n", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations. */

/* This says how to output an assembler line */
to define a global common symbol. */

#define ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED) 
    ( fputs (".comm ", (FILE)),
      assemble_name ((FILE), (NAME)),
      fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

/* This says how to output an assembler line */
to define a local common symbol. */

#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED) 
    ( fputs (".lcomm ", (FILE)),
      assemble_name ((FILE), (NAME)),
      fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

#ifdef HAVE_GAS_LCOMM_WITH_ALIGNMENT
#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT) 
    ( fputs (".lcomm ", (FILE)),
      assemble_name ((FILE), (NAME)),
      fprintf ((FILE), ",%u,%u\n", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line */
that says to advance the location counter to a multiple of 2**LOG bytes. */

#define ASM_OUTPUT_ALIGN(FILE, LOG) 
    if ((LOG)!=0) fprintf ((FILE), "t.align %d\n", (LOG))

/* This is how to store into the string BUF */
the symbol_ref name of an internal numbered label where PREFIX is the class of label and NUM is the number within the class. This is suitable for output with `assemble_name'. */
#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER)\
    sprintf ((BUF), "*%s%ld", (PREFIX), (long)(NUMBER))

/* The prefix to add to user-visible assembler symbols. */
#define USER_LABEL_PREFIX "_"

/* Sequent has some changes in the format of DBX symbols. */
#define DBX_NO_XREFS 1

/* Don't split DBX symbols into continuations. */
#define DBX_CONTIN_LENGTH 0

/* gnu.classpath.tools.taglets.CopyrightTaglet
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package gnu.classpath.tools.taglets;

import java.util.Map;

import com.sun.tools.doclets.Taglet;

import com.sun.javadoc.Tag;

/**
 * A simple Taglet which handles Copyright information. */

public class CopyrightTaglet implements Taglet {

    private static final String NAME = "copyright";
    private static final String HEADER = "Copyright: ";

    public String getName() {
        return NAME;
    }

    public boolean inField() {
        return true;
    }

    public boolean inConstructor() {
        return true;
    }

    public boolean inMethod() {
        return true;
    }

    public boolean inOverview() {
        return true;
    }

    public boolean inPackage() {
        return true;
    }

    public boolean inType() {
        return true;
    }

    public boolean isInlineTag() {
        return false;
    }
}
public static void register(Map tagletMap) {
    CopyrightTaglet copyrightTaglet = new CopyrightTaglet();
    tagletMap.put(copyrightTaglet.getName(), copyrightTaglet);
}

public String toString(Tag tag) {
    return toString(new Tag[] { tag });
}

public String toString(Tag[] tags) {
    if (tags.length == 0) {
        return null;
    }
    else {
        boolean haveValidTag = false;
        for (int i = 0; i < tags.length && !haveValidTag; ++i) {
            if (tags[i].text().length() > 0) {
                haveValidTag = true;
            }
        }
    }
    if (haveValidTag) {
        StringBuffer result = new StringBuffer();
        result.append("<dl>");
        for (int i = 0; i < tags.length; i++) {
            if (tags[i].text().length() > 0) {
                result.append("<dt><i>Copyright Â© " + tags[i].text() + "</i></dt>");
            }
        result.append("</dl>");
        return result.toString();
    }
    else {
        return null;
    }
}
}
getActionsnewPermissionCollection&()Ljava/security/PermissionCollection;toString;gnu/java/lang/CPStringBuilder
:
:>?
append"(C)Lgnu/java/lang/CPStringBuilder;
BCDgetClass()Ljava/lang/Class;
FHGjava/lang/Class45
:J?K3(Ljava/lang/String:)Lgnu/java/lang/CPStringBuilder;
H
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:V95stringLgnu/java/lang/CPStringBuilder;
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```java
SourceFilePermission.java
</?xml version="1.0" encoding="UTF-8" standalone="no"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
title="License"
<meta name="generator" content="DocBook XSL-NS Stylesheets V1.78.1" />
<meta name="keywords" content="ISO C++, library" />
<meta name="keywords" content="ISO C++, runtime, library" />
<link rel="home" href="../index.html" title="The GNU C++ Library" />
<link rel="prev" href="status.html" title="Chapter1.Status" />
<link rel="next" href="bugs.html" title="Bugs" />
</head>
<body>
<div class="navheader">
<table width="100%" summary="Navigation header">
<tr>
<td width="20%" align="left">
<a accesskey="p" href="status.html">Prev</a>
</td>
<th width="60%" align="center">
Chapter1.Status
</th>
<td width="20%" align="right">
<a accesskey="n" href="bugs.html">Next</a>
</td>
</tr>
</table>
<hr />
</div>
<div class="section">
<div class="titlepage">
<div><div><h2 class="title" style="clear: both">
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package gnu.classpath.tools.taglets;

import java.util.Map;

import com.sun.tools.doclets.Taglet;

import com.sun.javadoc.Tag;

/**
 * A simple Taglet which handles Copyright information.
 */
public class CopyrightTaglet implements Taglet {

    private static final String NAME = "copyright";
    private static final String HEADER = "Copyright:";

    public String getName() {
        return NAME;
    }

    public boolean inField() {
        return true;
    }
}
public boolean inConstructor() {
    return true;
}

public boolean inMethod() {
    return true;
}

public boolean inOverview() {
    return true;
}

public boolean inPackage() {
    return true;
}

public boolean inType() {
    return true;
}

public boolean isInlineTag() {
    return false;
}

public static void register(Map tagletMap) {
    CopyrightTaglet copyrightTaglet = new CopyrightTaglet();
    tagletMap.put(copyrightTaglet.getName(), copyrightTaglet);
}

public String toString(Tag tag) {
    return toString(new Tag[] { tag });
}

public String toString(Tag[] tags) {
    if (tags.length == 0) {
        return null;
    }
    else {
        boolean haveValidTag = false;
        for (int i = 0; i < tags.length && !haveValidTag; ++i) {
            if (tags[i].text().length() > 0) {
                haveValidTag = true;
            }
        }
        if (haveValidTag) {
            return null;
        }
    }

StringBuffer result = new StringBuffer();
result.append("<dl>");
for (int i = 0; i < tags.length; i++) {
    if (tags[i].text().length() > 0) {
        result.append("<dt><i>Copyright © " + tags[i].text() + "</i></dt>");
    }
result.append("</dl>");
return result.toString();
} else {
    return null;
}

/* Permission.java -- The superclass for all permission objects

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package java.security;

import gnu.java.lang.CPStringBuilder;

import java.io.Serializable;

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 * This class is the abstract superclass of all classes that implement
 * the concept of a permission. A permission consists of a permission name
 * and optionally a list of actions that relate to the permission. The
 * actual meaning of the name of the permission is defined only in the
 * context of a subclass. It may name a resource to which access permissions
 * are granted (for example, the name of a file) or it might represent
 * something else entirely. Similarly, the action list only has meaning
 * within the context of a subclass. Some permission names may have no
 * actions associated with them. That is, you either have the permission
 * or you don't.
 * *
 * <p>The most important method in this class is <code>implies</code>. This
 * checks whether if one has this permission, then the specified
 * permission is also implied. As a conceptual example, consider the
 * permissions "Read All Files" and "Read File foo". The permission
 * "Read All Files" implies that the caller has permission to read the
 * file foo.
 * *
 * <p><code>Permission</code>'s must be immutable - do not change their
 * state after creation.
 * *
 * @author Aaron M. Renn (arenn@urbanophile.com)
 * @see Permissions
 * @see PermissionCollection
 * @since 1.1
 * @status updated to 1.4
 */

public abstract class Permission implements Guard, Serializable
{
    /**
     * Compatible with JDK 1.1+.
     */

    private static final long serialVersionUID = -5636570222231596674L;

    /**
     * This is the name assigned to this permission object.
     */
* @serial the name of the permission
*/
private String name;

/**
* Create an instance with the specified name.
*
* @param name the permission name
* /
public Permission(String name)
{
    this.name = name;
}

/**
* This method implements the <code>Guard</code> interface for this class.
* It calls the <code>checkPermission</code> method in <code>SecurityManager</code>
* with this <code>Permission</code> as its argument. This method returns silently
* if the security check succeeds or throws an exception if it fails.
* 
* @param obj the <code>Object</code> being guarded - ignored by this class
* @throws SecurityException if the security check fails
* @see GuardedObject
* @see SecurityManager#checkPermission(Permission)
* /
public void checkGuard(Object obj)
{
    SecurityManager sm = System.getSecurityManager();
    if (sm != null)
        sm.checkPermission(this);
}

/**
* This method tests whether this <code>Permission</code> implies that the
* specified <code>Permission</code> is also granted.
* 
* @param perm the <code>Permission</code> to test against
* @return true if perm is implied by this
* /
public abstract boolean implies(Permission perm);

/**
* Check to see if this object equals obj. Use <code>equals</code>, rather
* than <code>equals</code>, when making access control decisions.
* 
* @param obj the object to compare to
*/
public abstract boolean equals(Object obj);

public abstract int hashCode();

public final String getName()
{
    return name;
}

public abstract String getActions();

public PermissionCollection newPermissionCollection()
{
    return null;
}
public String toString()
{
    CPStringBuilder string = new CPStringBuilder();

    string = string.append('(
    string = string.append(getClass().getName());
    string = string.append(' ');
    string = string.append(getName());

    if (!(getActions().equals("")))
    {
        string = string.append(' ');
        string = string.append(getActions());
    }

    string = string.append(')');
    return string.toString();
}
} // class Permission

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Version 3, 29 June 2007

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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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/* Permission.java -- The superclass for all permission objects

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package java.security;

import gnu.java.lang.CPStringBuilder;

import java.io.Serializable;

/**
 * This class is the abstract superclass of all classes that implement
 * the concept of a permission. A permission consists of a permission name
 * and optionally a list of actions that relate to the permission. The
 * actual meaning of the name of the permission is defined only in the
 * context of a subclass. It may name a resource to which access permissions
 * are granted (for example, the name of a file) or it might represent
 * something else entirely. Similarly, the action list only has meaning
 * within the context of a subclass. Some permission names may have no
 * actions associated with them. That is, you either have the permission
 * or you don't.
 * *
 * <p>The most important method in this class is <code>implies</code>. This
 * checks whether if one has this permission, then the specified
 * permission is also implied. As a conceptual example, consider the
 * permissions "Read All Files" and "Read File foo". The permission
 * "Read All Files" implies that the caller has permission to read the
 * file foo.
 * *
 * <p><code>Permission</code>’s must be immutable - do not change their
 * state after creation.
 * *
 * @author Aaron M. Renn (arenn@urbanophile.com)
 * @see Permissions
 * @see PermissionCollection
 * @since 1.1
 * @status updated to 1.4
 */
public abstract class Permission implements Guard, Serializable
{
/**
 * Compatible with JDK 1.1+.
 */
private static final long serialVersionUID = -563657022231596674L;
/**
 * This is the name assigned to this permission object.
 * @serial the name of the permission
 */
private String name;
/**
 * Create an instance with the specified name.
 * @param name the permission name
 */
public Permission(String name)
{
    this.name = name;
}
/**
 * This method implements the <code>Guard</code> interface for this class.
 * It calls the <code>checkPermission</code> method in <code>SecurityManager</code> with this <code>Permission</code> as its argument. This method returns silently if the security check succeeds or throws an exception if it fails.
 * @param obj the <code>Object</code> being guarded - ignored by this class
 * @throws SecurityException if the security check fails
 * @see GuardedObject
 * @see SecurityManager#checkPermission(Permission)
 */
public void checkGuard(Object obj)
{
    SecurityManager sm = System.getSecurityManager();
    if (sm != null)
        sm.checkPermission(this);
}
/**
 * This method tests whether this <code>Permission</code> implies that the specified <code>Permission</code> is also granted.
 * @param perm the <code>Permission</code> to test against
 */
public abstract boolean implies(Permission perm);

/**
 * Check to see if this object equals obj. Use <code>implies</code>, rather
 * than <code>equals</code>, when making access control decisions.
 *
 * @param obj the object to compare to
 */
public abstract boolean equals(Object obj);

/**
 * This method returns a hash code for this <code>Permission</code>. It
 * must satisfy the contract of <code>Object.hashCode</code>: it must be
 * the same for all objects that equals considers to be the same.
 *
 * @return a hash value
 */
public abstract int hashCode();

/**
 * Get the name of this <code>Permission</code>.
 *
 * @return the name
 */
public final String getName()
{
    return name;
}

/**
 * This method returns the list of actions for this <code>Permission</code>
 * as a <code>String</code>. The string should be in canonical order, for
 * example, both <code>new FilePermission(f, "write,read")</code> and
 * <code>new FilePermission(f, "read,write")</code> have the action list
 * "read,write".
 *
 * @return the action list for this <code>Permission</code>
 */
public abstract String getActions();

/**
 * This method returns an empty <code>PermissionCollection</code> object
 * that can store permissions of this type, or <code>null</code> if no
 * such collection is defined. Subclasses must override this to provide
 * an appropriate collection when one is needed to accurately calculate
 * <code>implies</code>.
 */
* @return a new `<code>PermissionCollection</code>`
*/
public PermissionCollection newPermissionCollection()
{
    return null;
}

/**
 * This method returns a `<code>String</code>` representation of this
 * `<code>Permission</code>` object. This is in the format:
 * '<code>(' + getClass().getName() + ' ' + getName() + ' ' + getActions
 * + ')</code>'.
 *
 * @return this object as a `<code>String</code>`
*/
public String toString()
{
    CPStringBuilder string = new CPStringBuilder();

    string = string.append('(');
    string = string.append(getClass().getName());
    string = string.append(' ');
    string = string.append(getName());
    if (!(getActions().equals("")))
    {
        string = string.append(' ');
        string = string.append(getActions());
    }

    string = string.append(')');
    return string.toString();
}
} // class Permission
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#
# It doesn't change code that is known to be maintained elsewhere or
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#
# The script also doesn't change testsuite files, except those in
# libstdc++-v3. This is because libstdc++-v3 has a conformance testsuite,
# while most tests in other directories are just things that failed at some
# point in the past.
#
# Pass --this-year to the script if you want it to add the current year
# to all applicable notices. Pass --quilt if you are using quilt and
# want files to be added to the quilt before being changed.
#
# By default the script will update all directories for which the
# output has been vetted. You can instead pass the names of individual
# directories, including those that haven't been approved. So:
#
# update-copyright.pl --this-year
#
# is the command that would be used at the beginning of a year to update
# all copyright notices (and possibly at other times to check whether
# new files have been added with old years). On the other hand:
#
# update-copyright.pl --this-year libjava
#
# would run the script on just libjava/.
#
# Note that things like --version output strings must be updated before
# this script is run. There's already a separate procedure for that.

import os
import re
import sys
import time
import subprocess

class Errors:
    def __init__(self):
        self.num_errors = 0

    def report(self, filename, string):
        if filename:
            string = filename + ' : ' + string
        sys.stderr.write(string + '
')
        self.num_errors += 1

    def ok(self):
        return self.num_errors == 0

class GenericFilter:
    def __init__(self):
        self.skip_files = set()
        self.skip_dirs = set()
        self.skip_extensions = set()
        self.fossilised_files = set()
        self.own_files = set()

        self.skip_files |= set(['
            # Skip licence files.
            'COPYING',
            'COPYING.LIB',
            ...])
def get_line_filter(self, dir, filename):
    if filename.startswith('ChangeLog'):
        # Ignore references to copyright in changelog entries.
        return re.compile(\t"")
    return None

def skip_file(self, dir, filename):
    if filename in self.skip_files:
        return None

    if filename in ['COPYING3',
                    'COPYING3.LIB',
                    'LICENSE',
                    'fdl.texi',
                    'gpl_v3.texi',
                    'fdl-1.3.xml',
                    'gpl-3.0.xml',
                    'aclocal.m4',
                    'compile',
                    'config.guess',
                    'config.sub',
                    'depcomp',
                    'install-sh',
                    'libtool.m4',
                    'ltmain.sh',
                    'ltoptions.m4',
                    'lttweak.m4',
                    'ltsugar.m4',
                    'ltversion.m4',
                    'lt~obsolete.m4',
                    'missing',
                    'mkdep',
                    'mkinstall',
                    'move-if-change',
                    'shlibpath.m4',
                    'symlink-tree',
                    'ylwrap',

                    'gnu.texi',
                    'funding.texi',
                    'appendix_free.xml',

                    'texinfo.tex']:
        return None

    return None
(base, extension) = os.path.splitext(os.path.join(dir, filename))
if extension in self.skip_extensions:
    return True

if extension == '.in':
    # Skip .in files produced by automake.
    if os.path.exists(base + '.am'):
        return True

    # Skip files produced by autogen
    if (os.path.exists(base + '.def')
        and os.path.exists(base + '.tpl')):
        return True

    # Skip configure files produced by autoconf
    if filename == 'configure':
        if os.path.exists(base + '.ac'):
            return True

        if os.path.exists(base + '.in'):
            return True

    return False

def skip_dir(self, dir, subdir):
    return subdir in self.skip_dirs

def is_fossilised_file(self, dir, filename):
    if filename in self.fossilised_files:
        return True

    # Only touch current ChangeLogs.
    if filename != 'ChangeLog' and filename.find('ChangeLog') >= 0:
        return True

    return False

def by_package_author(self, dir, filename):
    return filename in self.own_files

class Copyright:
    def __init__(self, errors):
        self.errors = errors

        # Characters in a range of years. Include '.' for typos.
        ranges = '[0-9](?:[-0-9.,\s+and\s+])*[0-9]'

        # Non-whitespace characters in a copyright holder's name.
        name = '[\w\-]'
# Matches one year.
self.year_re = re.compile('[0-9]+')

# Matches part of a year or copyright holder.
self.continuation_re = re.compile(ranges + '| ' + name)

# Matches a full copyright notice:
self.copyright_re = re.compile(
    # 1: 'Copyright (C)', etc.
    '([Cc]opyright\n     |\[Cc\]opyright\(\[Cc\]\)\n     |\[Cc\]opyright\%s\n     |\[Cc\]opyright+=\&copy;\n     |\[Cc\]opyrights+@copyright\}\n    |copyright = u"\n    |@set\(s+copyright\[w-]+\)\n
    # 2: the years.  Include the whitespace in the year, so that
    # we can remove any excess.
    '\(\s*(?:' + ranges + ',?\n    |@[value\{[^{}]*\}]\)\s*)\n
    # 3: ' by ', if used
    '\(by\s+\)\n
    # 4: the copyright holder.  Don't allow multiple consecutive
    # spaces, so that right-margin gloss doesn't get caught
    # (e.g. gnat_ugn.texi).
    '\(' + name + '\(\?\:?' + name + '+\')?\n
# A regexp for notices that might have slipped by.  Just matching
# 'copyright' is too noisy, and 'copyright.*[0-9]' falls foul of
# HTML header markers, so check for 'copyright' and two digits.
self.other_copyright_re = re.compile('copyright.*[0-9][0-9]',
    re.IGNORECASE)

self.comment_re = re.compile('#+|[*]+|;+|%+|//+|@c |dnl ')  

self.holders = { '@copying': '@copying' }  

self.holder_prefixes = set()

# True to 'quilt add' files before changing them.
self.use_quilt = False

# If set, force all notices to include this year.
self.max_year = None

# Goes after the year(s).  Could be ',', '.
self.separator = ','
def add_package_author(self, holder, canon_form=None):
    if not canon_form:
        canon_form = holder
    self.holders[holder] = canon_form
    index = holder.find(' ')
    while index >= 0:
        self.holder_prefixes.add(holder[:index])
        index = holder.find(' ', index + 1)

def add_external_author(self, holder):
    self.holders[holder] = None

class BadYear():
    def __init__(self, year):
        self.year = year
    def __str__(self):
        return 'unrecognised year: ' + self.year

def parse_year(self, string):
    year = int(string)
    if len(string) == 2:
        if year > 70:
            return year + 1900
        elif len(string) == 4:
            return year
        raise self.BadYear(string)

def year_range(self, years):
    year_list = [self.parse_year(year)
                 for year in self.year_re.findall(years)]
    assert len(year_list) > 0
    return (min(year_list), max(year_list))

def set_use_quilt(self, use_quilt):
    self.use_quilt = use_quilt

def include_year(self, year):
    assert not self.max_year
    self.max_year = year

def canonicalise_years(self, dir, filename, filter, years):
    # Leave texinfo variables alone.
    if years.startswith('@value'):
        return years
    (min_year, max_year) = self.year_range(years)
# Update the upper bound, if enabled.
if self.max_year and not filter.is_fossilised_file (dir, filename):
    max_year = max (max_year, self.max_year)

# Use a range.
if min_year == max_year:
    return '%d' % min_year
else:
    return '%d-%d' % (min_year, max_year)

def strip_continuation (self, line):
    line = line.lstrip()
    match = self.comment_re.match (line)
    if match:
        line = line[match.end():].lstrip()
    return line

def is_complete (self, match):
    holder = match.group (4)
    return (holder
            and (holder not in self.holder_prefixes
                 or holder in self.holders))

def update_copyright (self, dir, filename, filter, file, line, match):
    orig_line = line
    next_line = None
    pathname = os.path.join (dir, filename)

    intro = match.group (1)
    if intro.startswith ('@set'):
        # Texinfo year variables should always be on one line
        after_years = line[match.end (2):].strip()
        if after_years != ':
            self.errors.report (pathname,
                'trailing characters in @set: ' + after_years)
            return (False, orig_line, next_line)
        else:
            # If it looks like the copyright is incomplete, add the next line.
            while not self.is_complete (match):
                try:
                    next_line = file.next()
                except StopIteration:
                    break

                # If the next line doesn't look like a proper continuation,
                # assume that what we've got is complete.
continuation = self.strip_continuation (next_line)
if not self.continuation_re.match (continuation):
    break

# Merge the lines for matching purposes.
orig_line += next_line
line = line.rstrip() + ' ' + continuation
next_line = None

# Rematch with the longer line, at the original position.
match = self.copyright_re.match (line, match.start())
assert match
holder = match.group (4)

# Use the filter to test cases where markup is getting in the way.
if filter.by_package_author (dir, filename):
    assert holder not in self.holders

elif not holder:
    self.errors.report (pathname, 'missing copyright holder')
    return (False, orig_line, next_line)

elif holder not in self.holders:
    self.errors.report (pathname,
                        'unrecognised copyright holder: ' + holder)
    return (False, orig_line, next_line)

else:
    # See whether the copyright is associated with the package
    # author.
    canon_form = self.holders[holder]
    if not canon_form:
        return (False, orig_line, next_line)

    # Make sure the author is given in a consistent way.
    line = (line[:match.start (4)]
            + canon_form
            + line[match.end (4):])

    # Remove any 'by'
    line = line[:match.start (3)] + line[match.end (3):]

    # Update the copyright years.
    years = match.group (2).strip()
    try:
        canon_form = self.canonicalise_years (dir, filename, filter, years)
    except self.BadYear as e:
self.errors.report (pathname, str (e))
return (False, orig_line, next_line)

line = (line[:match.start (2)]
    + ('' if intro.startswith ('copyright = ') else ' ')
    + canon_form + self.separator
    + line[match.end (2):])

# Use the standard (C) form.
if intro.endswith ('right'):
    intro += ' (C)'
elif intro.endswith ('(c)'):
    intro = intro[:-3] + '(C)'
line = line[:match.start (1)] + intro + line[match.end (1):]

# Strip trailing whitespace
line = line.rstrip() + '
'
return (line != orig_line, line, next_line)

def process_file (self, dir, filename, filter):
    pathname = os.path.join (dir, filename)
    if filename.endswith ('.tmp'):
        # Looks like something we tried to create before.
        try:
            os.remove (pathname)
        except OSError:
            pass
        return
    lines = []
    changed = False
    line_filter = filter.get_line_filter (dir, filename)
    with open (pathname, 'r') as file:
        prev = None
        for line in file:
            while line:
                next_line = None
                # Leave filtered-out lines alone.
                if not (line_filter and line_filter.match (line)):
                    match = self.copyright_re.search (line)
                    if match:
                        res = self.update_copyright (dir, filename, filter,
                        file, line, match)
                        (this_changed, line, next_line) = res
                        changed = changed or this_changed

                        # Check for copyright lines that might have slipped by.
elif self.other_copyright_re.search(line):
    self.errors.report(pathname, 'unrecognised copyright: %s
    % line.strip())
lines.append(line)
line = next_line

# If something changed, write the new file out.
if changed and self.errors.ok():
    tmp_pathname = pathname + '.tmp'
with open(tmp_pathname, 'w') as file:
    for line in lines:
        file.write(line)
    if self.use_quilt:
        subprocess.call(["quilt", 'add', pathname])
    os.rename(tmp_pathname, pathname)

def process_tree(self, tree, filter):
    for (dir, subdirs, filenames) in os.walk(tree):
        # Don't recurse through directories that should be skipped.
        for i in xrange(len(subdirs) - 1, -1, -1):
            if filter.skip_dir(dir, subdirs[i]):
                del subdirs[i]
        # Handle the files in this directory.
        for filename in filenames:
            if filter.skip_file(dir, filename):
                sys.stdout.write('Skipping %s
' % os.path.join(dir, filename))
            else:
                self.process_file(dir, filename, filter)

class CmdLine:
    def __init__(self, copyright = Copyright):
        self.errors = Errors()
        self.copyright = copyright(self.errors)
        self.dirs = []
        self.default_dirs = []
        self.chosen_dirs = []
        self.option_handlers = dict()
        self.option_help = []

        self.add_option('--help', 'Print this help', self.o_help)
        self.add_option('--quilt', '"quilt add" files before changing them',
                        self.o_quilt)
        self.add_option('--this-year', 'Add the current year to every notice',
                        self.o_this_year)
def add_option (self, name, help, handler):
    self.option_help.append ((name, help))
    self.option_handlers[name] = handler

def add_dir (self, dir, filter = GenericFilter()):
    self.dirs.append ((dir, filter))

def o_help (self, option = None):
    sys.stdout.write ('Usage: %s [options] dir1 dir2...

    ' % sys.argv[0])
    format = '%-15s %s\n'
    for (what, help) in self.option_help:
        sys.stdout.write (format % (what, help))
    sys.stdout.write ('nDirectories:\n')
    format = '%-25s'
    i = 0
    for (dir, filter) in self.dirs:
        i += 1
        if i % 3 == 0 or i == len (self.dirs):
            sys.stdout.write (dir + '\n')
        else:
            sys.stdout.write (format % dir)
    sys.exit (0)

def o_quilt (self, option):
    self.copyright.set_use_quilt (True)

def o_this_year (self, option):
    self.copyright.include_year (time.localtime().tm_year)

def main (self):
    for arg in sys.argv[1:]:
        if arg[:1] != '-':
            self.chosen_dirs.append (arg)
        elif arg in self.option_handlers:
            self.option_handlers[arg] (arg)
        else:
            self.errors.report (None, 'unrecognised option: ' + arg)
    if self.errors.ok():
        if len (self.chosen_dirs) == 0:
            self.chosen_dirs = self.default_dirs
        if len (self.chosen_dirs) == 0:
            self.o_help()
        else:
            for chosen_dir in self.chosen_dirs:
                canon_dir = os.path.join (chosen_dir, '')
                count = 0
for (dir, filter) in self.dirs:
    if (dir + os.sep).startswith (canon_dir):
        count += 1
        self.copyright.process_tree (dir, filter)
    if count == 0:
        self.errors.report (None, 'unrecognised directory: ' + chosen_dir)
        sys.exit (0 if self.errors.ok() else 1)

#----------------------------------

class TopLevelFilter (GenericFilter):
    def skip_dir (self, dir, subdir):
        return True

class ConfigFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)
    def skip_file (self, dir, filename):
        if filename.endswith ('.m4'):
            pathname = os.path.join (dir, filename)
            with open (pathname) as file:
                # Skip files imported from gettext.
                if file.readline().find ('gettext-') >= 0:
                    return True
            return GenericFilter.skip_file (self, dir, filename)

class GCCFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)
        self.skip_files |= set ([
            # Not part of GCC
            'math-68881.h',
        ])
        self.skip_dirs |= set ([
            # Better not create a merge nightmare for the GNAT folks.
            'ada',
            # Handled separately.
            'testsuite',
        ])
        self.skip_extensions |= set ([
            # Maintained by the translation project.
            '.po',
        ])


class TestsuiteFilter (GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_extensions |= set(['c', 'C', 'cc', 'h', 'hs', 'f', '.f90', 'go', '.inc', 'java', '.pot'])

    def skip_file(self, dir, filename):
        # g++.niklas/README contains historical copyright information
        # and isn't updated.
        if filename == 'README' and os.path.basename(dir) == 'g++.niklas':
            return True

        return GenericFilter.skip_file(self, dir, filename)

class LibCppFilter (GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_extensions |= set(['po', '.pot'])
def __init__(self):
    GenericFilter.__init__(self)

    self.skip_dirs |= set([
        # Imported from GLIBC.
        'soft-fp',
    ])

class LibJavaFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_dirs |= set([
            # Handled separately.
            'testsuite',

            # Not really part of the library
            'contrib',

            # Imported from upstream
            'classpath',
            'libltdl',
        ])

def get_line_filter(self, dir, filename):
    if filename == 'NameDecoder.h':
        return re.compile('.*NAME_COPYRIGHT')
    if filename == 'ICC_Profile.h':
        return re.compile('.*icSigCopyrightTag')
    return GenericFilter.get_line_filter(self, dir, filename)

class LibMudflapFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_dirs |= set([
            # Handled separately.
            'testsuite',
        ])

class LibStdCxxFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_files |= set([
            # Contains no copyright of its own, but quotes the GPL.
            'intro.xml',
        ])
self.skip_dirs |= set([
    # Contains automatically-generated sources.
    'html',

    # The testsuite data files shouldn't be changed.
    'data',

    # Contains imported images
    'images',
])

self.own_files |= set([
    # Contains markup around the copyright owner.
    'spine.xml',
])

def get_line_filter (self, dir, filename):
    if filename == 'boost_concept_check.h':
        return re.compile ('// \(C\) Copyright Jeremy Siek')
    return GenericFilter.get_line_filter (self, dir, filename)

class GCCCopyright (Copyright):
    def __init__ (self, errors):
        Copyright.__init__ (self, errors)

        canon_fsf = 'Free Software Foundation, Inc.'
        self.add_package_author ('Free Software Foundation', canon_fsf)
        self.add_package_author ('Free Software Foundation', canon_fsf)
        self.add_package_author ('Free Software Foundation Inc.', canon_fsf)
        self.add_package_author ('Free Software Foundation, Inc.', canon_fsf)
        self.add_package_author ('The Free Software Foundation', canon_fsf)
        self.add_package_author ('The Free Software Foundation, Inc.', canon_fsf)
        self.add_package_author ('Software Foundation, Inc.', canon_fsf)

        self.add_external_author ('ARM')
        self.add_external_author ('AdaCore')
        self.add_external_author ('Ami Tavory and Vladimir Dreizin, IBM-HRL')
        self.add_external_author ('Cavium Networks')
        self.add_external_author ('Faraday Technology Corp.')
        self.add_external_author ('Florida State University')
        self.add_external_author ('Greg Colvin and Beman Dawes')
        self.add_external_author ('Hewlett-Packard Company')
        self.add_external_author ('Information Technology Industry Council')
        self.add_external_author ('James Theiler, Brian Gough')
        self.add_external_author ('Makoto Matsumoto and Takuji Nishimura')
        self.add_external_author ('National Research Council of Canada')
self.add_external_author('Peter Dimov and Multi Media Ltd.')
self.add_external_author('Peter Dimov')
self.add_external_author('Pipeline Associates, Inc.')
self.add_external_author('Regents of the University of California.')
self.add_external_author('Silicon Graphics Computer Systems, Inc.')
self.add_external_author('Silicon Graphics')
self.add_external_author('Stephen L. Moshier')
self.add_external_author('Sun Microsystems, Inc. All rights reserved.')
self.add_external_author('The Go Authors. All rights reserved.')
self.add_external_author('The Go Authors.')
self.add_external_author('The Regents of the University of California.')
self.add_external_author('Unicode, Inc.')
self.add_external_author('University of Toronto.')

class GCCCmdLine(CmdLine):
    def __init__(self):
        CmdLine.__init__(self, GCCCopyright)
        self.add_dir('.', TopLevelFilter())
        # boehm-gc is imported from upstream.
        self.add_dir('config', ConfigFilter())
        # contrib isn't really part of GCC.
        self.add_dir('fixincludes')
        self.add_dir('gcc', GCCFilter())
        self.add_dir(os.path.join('gcc', 'testsuite'), TestsuiteFilter())
        self.add_dir('gnattools')
        self.add_dir('include')
        self.add_dir('libada')
        self.add_dir('libatomic')
        self.add_dir('libbacktrace')
        self.add_dir('libcpp', LibCppFilter())
        self.add_dir('libdecnumber')
        # libffi is imported from upstream.
        self.add_dir('libgcc', LibGCCFilter())
        self.add_dir('libgfortran')
        self.add_dir('libgomp')
        self.add_dir('libiberty')
        self.add_dir('libitm')
        self.add_dir('libjava', LibJavaFilter())
        self.add_dir(os.path.join('libjava', 'testsuite'), TestsuiteFilter())
        self.add_dir('libmudflap', LibMudflapFilter())
        self.add_dir(os.path.join('libmudflap', 'testsuite'), TestsuiteFilter())
        self.add_dir('libobjc')
        self.add_dir('libquadmath')
        # libsanitiser is imported from upstream.
        self.add_dir('libssp')
self.add_dir ('libstdc++-v3', LibStdCxxFilter())
self.add_dir ('lto-plugin')
# zlib is imported from upstream.

self.default_dirs = [
   'gcc',
   'libada',
   'libatomic',
   'libbacktrace',
   'libcpp',
   'libdecnumber',
   'libgcc',
   'libgfortran',
   'libgomp',
   'libitm',
   'libmudflap',
   'libobjc',
   'libstdc++-v3',
]

GCCCmdLine().main()

/* Permission.java -- Information about an ACL permission
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module. An independent module is a module which is not derived from
or based on this library. If you modify this library, you may extend
this exception to your version of the library, but you are not
obligated to do so. If you do not wish to do so, delete this
exception statement from your version. */

package java.security.acl;

/**
 * This interface provides information about a permission that can be
 * granted. Note that this is <em>not</em> the same as the class
 * <code>java.security.Permission</code>.
 * *
 * @version 0.0
 * *
 * @author Aaron M. Renn (arenn@urbanophile.com)
 * */

public interface Permission
{
    /**
     * This method tests whether or not a specified <code>Permission</code>
     * (passed as an <code>Object</code>) is the same as this permission.
     *
     * @param perm The permission to check for equality
     *
     * @return <code>true</code> if the specified permission is the same as this one, <code>false</code> otherwise
     */
    boolean equals (Object perm);

    /**
     * This method returns this <code>Permission</code> as a <code>String</code>.
     *
     * @return A <code>String</code> representing this permission.
     */
    String toString();
}
/**
 * java/util/Map.put8(Ljava/lang/Object;Ljava/lang/Object;)
 * tagletMap(java/util/Map;copyrightTaglettoString)(Lcom/sun/javadoc/Tag;)
 * java/lang/String@Alength()ICjava/lang/StringBuffer
 * BF</dt>
 * BHIIappend,(Ljava/lang/String;Ljava/lang/StringBuffer;java/lang/StringBuilder;N<dt><i>Copyright ©</i><br/>
 * KSIT-(Ljava/lang/String;Ljava/lang/StringBuilder;V</i></dt>
 * KX0Z</dl>
 * BXtags[Ljava/com/sun/javadoc/Tag;haveValidTagZilresultLjava/lang/StringBuffer;
 * SourceFileCopyrightTaglet.java!

/*1-
 7.;,:?;G.K.O!;S"#QYSL*+%+"WXY-.
/o1A
*2Y+S4\n
7806)+=>+29<=+_-BYDN-EGW67+29<%-KYMO+29RURWG+-YGW.-[F`adefge+k/l7m>nDoSpunstw>"]^_`a7TbcA`ade

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Version 2.1, February 1999

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[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

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/**
 * This interface provides information about a permission that can be granted. Note that this is <em>not</em> the same as the class <code>java.security.Permission</code>.
 *
 * @version 0.0
 *
 * @author Aaron M. Renn (arenn@urbanophile.com)
 */

public interface Permission
{

/**
 * This method tests whether or not a specified <code>Permission</code> (passed as an <code>Object</code>) is the same as this permission.
 *
 * @param perm The permission to check for equality
 *
 * @return <code>true</code> if the specified permission is the same as this one, <code>false</code> otherwise
 */

boolean equals (Object perm);

/**
 * This method returns this <code>Permission</code> as a <code>String</code>.
 *
 * @return A <code>String</code> representing this permission.
 */

String toString();
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 */

By plainly marking modifications, something along the lines of adding to each file that has been changed a "Modified by Foo Bar" line underneath the "Written by" line would be adequate.

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Version 2.1, February 1999

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/* Definitions for BSD assembler syntax for Intel 386
 (actually AT&T syntax for insns and operands,
 adapted to BSD conventions for symbol names and debugging.)
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/* Use the Sequent Symmetry assembler syntax. */

/* Define the syntax of pseudo-ops, labels and comments. */

/* Prefix for internally generated assembler labels. If we aren't using underscores, we are using prefix `.s' to identify labels that should be ignored, as in `i386/gas.h' --karl@cs.umb.edu */

#define LPREFIX "L"

/* Assembler pseudos to introduce constants of various size. */

#define ASM_BYTE "\t.byte\t"
#define ASM_SHORT "\t.word\t"
#define ASM_LONG "\t.long\t"
#define ASM_QUAD "\t.quad\t"  /* Should not be used for 32bit compilation. */

/* This was suggested, but it shouldn't be right for DBX output. -- RMS */
#define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */

/* Define the syntax of labels and symbol definitions/declarations. */

/* This is how to output an assembler line
   that says to advance the location counter by SIZE bytes. */

#define ASM_OUTPUT_SKIP(FILE,SIZE)  
   fprintf (FILE, "\t.space \"HOST_WIDE_INT_PRINT_UNSIGNED\"\n", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations. */

/* This says how to output an assembler line
   to define a global common symbol. */

#define ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED)  
   ( puts (".comm ", (FILE)),
     assemble_name ((FILE), (NAME)),
     fprintf ((FILE), "%,%u\n", (int)(ROUNDED)))

/* This says how to output an assembler line
   to define a local common symbol. */

#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED)  

( fputs(".lcomm ", (FILE)),
 assemble_name ((FILE), (NAME)),
 fprintf ((FILE), ",%u
", (int)(ROUNDED)))

#ifdef HAVE_GAS_LCOMM_WITH_ALIGNMENT
#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT)  
 ( fputs(".lcomm ", (FILE)),
 assemble_name ((FILE), (NAME)),
 fprintf ((FILE), ",%u,%u
", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line 
 that says to advance the location counter 
 to a multiple of 2**LOG bytes. */
#define ASM_OUTPUT_ALIGN(FILE,LOG) 
 if ((LOG)!=0) fprintf ((FILE), "\t.align %d\n", (LOG))

/* This is how to store into the string BUF 
 the symbol_ref name of an internal numbered label where 
 PREFIX is the class of label and NUM is the number within the class. 
 This is suitable for output with `assemble_name'. */
#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER) 
 sprintf ((BUF), "*%s%ld", (PREFIX), (long)(NUMBER))

/* The prefix to add to user-visible assembler symbols. */
#define USER_LABEL_PREFIX "_"

/* Sequent has some changes in the format of DBX symbols. */
#define DBX_NO_XREFS 1

/* Don't split DBX symbols into continuations. */
#define DBX_CONTIN_LENGTH 0

// DO NOT EDIT THIS FILE - it is machine generated -*- c++ -*-

#ifndef __java_security_Permission__
#define __java_security_Permission__
#pragma interface
#include <java/lang/Object.h>
extern "Java"
{
 namespace java
{

namespace security
{
    class Permission;
    class PermissionCollection;
}
}
}

class java::security::Permission : public ::java::lang::Object
{

public:
    Permission(::java::lang::String *);
    virtual void checkGuard(::java::lang::Object *);
    virtual jboolean implies(::java::security::Permission *) = 0;
    virtual jboolean equals(::java::lang::Object *) = 0;
    virtual jint hashCode() = 0;
    virtual ::java::lang::String * getName();
    virtual ::java::lang::String * getActions() = 0;
    virtual ::java::security::PermissionCollection * newPermissionCollection();
    virtual ::java::lang::String * toString();

private:
    static const jlong serialVersionUID = -563657022231596674LL;
    ::java::lang::String * __attribute__((aligned(__alignof__(::java::lang::Object)))) name;

public:
    static ::java::lang::Class class$;
};

#endif // __java_security_Permission__

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.. .de Sp \" Vertical space (when we can't use .PP)
.if t .sp .5v
.if n .sp
..
.de Vb \" Begin verbatim text
.ft CW
.nf
.ne \$1
..
.de Ve \" End verbatim text
.ft R
.fi
..
\" Set up some character translations and predefined strings. \^(-- will
\" give an unbreakable dash, \^\(PI will give pi, \^\(L will give a left
\" double quote, and \^\(R will give a right double quote. \^\(C+ will
\" give a nicer C++. Capital omega is used to do unbreakable dashes and
\" therefore won't be available. \^\(C and \^\(C expand to ` in nroff,
" nothing in troff, for use with C<>.
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" Escape single quotes in literal strings from groff's Unicode transform.
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" If the F register is turned on, we'll generate index entries on stderr for
" titles (.TH), headers (.SH), subsections (.Sh), items (.Ip), and index
" entries marked with X<> in POD. Of course, you'll have to process the
" output yourself in some meaningful fashion.
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" Accent mark definitions (@(#)ms.acc 1.5 88/02/08 SMI; from UCB 4.2).
" Fear. Run. Save yourself. No user-serviceable parts.
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Sh "TERMS & CONDITIONS"

IX Subsection "TERMS AND CONDITIONS"

IP 0. Definitions. 4

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define __java_security_acl_Permission__

#pragma interface

#include <java/lang/Object.h>
extern "Java"
{
namespace java
{
namespace security
{
namespace acl
{
    class Permission;
}
}
}

class java::security::acl::Permission : public ::java::lang::Object
{

public:
    virtual jboolean equals(::java::lang::Object *) = 0;
    virtual ::java::lang::String * toString() = 0;
static ::java::lang::Class class$;
} __attribute__((java_interface));

#endif // __java_security_acl_Permission__

// DO NOT EDIT THIS FILE - it is machine generated -*- c++ -*-

#ifndef __gnu_javax_sound_AudioSecurityManager$Permission__
define __gnu_javax_sound_AudioSecurityManager$Permission__

#pragma interface

#include <java/lang/Enum.h>
#include <gcj/array.h>

extern "Java"
{
namespace gnu
{
namespace javax
{
namespace sound
{
class AudioSecurityManager$Permission;
}
}
}
}
class gnu::javax::sound::AudioSecurityManager$Permission : public ::java::lang::Enum
{

AudioSecurityManager$Permission(::java::lang::String *, jint);
public:
static JArray< ::gnu::javax::sound::AudioSecurityManager$Permission * > * values();
static ::gnu::javax::sound::AudioSecurityManager$Permission * valueOf(::java::lang::String *);
static ::gnu::javax::sound::AudioSecurityManager$Permission * PLAY;
static ::gnu::javax::sound::AudioSecurityManager$Permission * RECORD;
static ::gnu::javax::sound::AudioSecurityManager$Permission * ALL;
private:
static JArray< ::gnu::javax::sound::AudioSecurityManager$Permission * > * ENUM$VALUES;
public:
static ::java::lang::Class class$;
};
#endif // __gnu_javax_sound_AudioSecurityManager$Permission__

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This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for...
C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson (jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports. Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied Linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlef(s@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks (agec@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task). Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)

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@c man end

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#include <java/lang/Object.h>
extern "Java"
{
 namespace java
 {
  namespace security

namespace acl
{
    class Permission;
}
}
}

class java::security::acl::Permission : public ::java::lang::Object
{

public:
    virtual jboolean equals(::java::lang::Object *) = 0;
    virtual ::java::lang::String * toString() = 0;
    static ::java::lang::Class class$;
} __attribute__ ((java_interface));

#endif // __java_security_acl_Permission__

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This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser.
The Encore Multimax modifications were supplied by
Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely
due to Vernon Lee, on machines made available to Rice by IBM.
Much of the HP specific code and a number of good suggestions for improving the
generic code are due to Walter Underwood.
Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code.
Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk)
subsequently provided updates and information on variation between ULTRIX
systems. Parag Patel (parag@netcom.com) supplied the A/UX code.
Jesper Peterson(jep@mtiname.mtia.oz.au), Michel Schinz, and
Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port.
Thomas Funke (thf@zelator.in-berlin.de(?)) and
Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.
Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code.
Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader
specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and
Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and
Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes.
Alistair G. Crooks(age@uts.amdahl.com) supplied the NetBSD and 386BSD ports.
Jeffreay Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.
Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to
a Motorola 88K processor running CX/UX (Harris NightHawk).
Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to
nonIBM development environments (a nontrivial task).
Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.
David Chase, then at Olivetti Research, suggested several improvements.
Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the
code to save and print call stacks for leak detection on a SPARC.
Jesse Hull and John Ellis supplied the C++ interface code.
Zhong Shao performed much of the experimentation that led to the
current typed allocation facility. (His dynamic type inference code hasn't
made it into the released version of the collector, yet.)
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@c man begin SEEALSO
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@c ispell-local-pdict: "ispell-dict"
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#ifndef __java_security_Permission__
#define __java_security_Permission__

#define __java_security_Permission__
#pragma interface

#include <java/lang/Object.h>
extern "Java"
{
namespace java
{
namespace security
{
  class Permission;
  class PermissionCollection;
}
}
}

class java::security::Permission : public ::java::lang::Object
{
public:
  Permission(::java::lang::String *);
  virtual void checkGuard(::java::lang::Object *);
  virtual jboolean implies(::java::security::Permission *) = 0;
  virtual jboolean equals(::java::lang::Object *) = 0;
  virtual jint hashCode() = 0;
  virtual ::java::lang::String * getName();
  virtual ::java::lang::String * getActions() = 0;
  virtual ::java::security::PermissionCollection * newPermissionCollection();
  virtual ::java::lang::String * toString();
private:
  static const jlong serialVersionUID = -5636570222231596674LL;
  ::java::lang::String * __attribute__((aligned(__alignof__( ::java::lang::Object)))) name;
public:
  static ::java::lang::Class class$;
};

#endif // __java_security_Permission__

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@settitle GNU General Public License
@c man begin SEEALSO
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@end enumerate

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This is free software, and you are welcome to redistribute it
under certain conditions; type @samp{show c} for details.
@end smallexample

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package gnu.classpath.tools.taglets;

import java.util.Map;

import com.sun.tools.doclets.Taglet;

import com.sun.javadoc.Tag;
* A simple Taglet which handles Copyright information.*

```java
public class CopyrightTaglet implements Taglet {

    private static final String NAME = "copyright";
    private static final String HEADER = "Copyright:";

    public String getName() {
        return NAME;
    }

    public boolean inField() {
        return true;
    }

    public boolean inConstructor() {
        return true;
    }

    public boolean inMethod() {
        return true;
    }

    public boolean inOverview() {
        return true;
    }

    public boolean inPackage() {
        return true;
    }

    public boolean inType() {
        return true;
    }

    public boolean isInlineTag() {
        return false;
    }

    public static void register(Map tagletMap) {
        CopyrightTaglet copyrightTaglet = new CopyrightTaglet();
        tagletMap.put(copyrightTaglet.getName(), copyrightTaglet);
    }

    public String toString(Tag tag) {
        return toString(new Tag[] { tag });
    }
}
```
public String toString(Tag[] tags) {
    if (tags.length == 0) {
        return null;
    } else {
        boolean haveValidTag = false;
        for (int i = 0; i < tags.length && !haveValidTag; ++i) {
            if (tags[i].text().length() > 0) {
                haveValidTag = true;
            }
        }
        if (haveValidTag) {
            StringBuffer result = new StringBuffer();
            result.append("<dl>");
            for (int i = 0; i < tags.length; i++) {
                if (tags[i].text().length() > 0) {
                }
            }
            result.append("</dl>");
            return result.toString();
        } else {
            return null;
        }
    }
}

#!/usr/bin/python
#
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#
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# the Free Software Foundation; either version 3, or (at your option)
# any later version.
#
# This script adjusts the copyright notices at the top of source files
# so that they have the form:
#
# Copyright XXXX-YYYY Free Software Foundation, Inc.
#
# It doesn't change code that is known to be maintained elsewhere or
# that carries a non-FSF copyright.
#
# The script also doesn't change testsuite files, except those in
# libstdc++-v3. This is because libstdc++-v3 has a conformance testsuite,
# while most tests in other directories are just things that failed at some
# point in the past.
#
# Pass --this-year to the script if you want it to add the current year
# to all applicable notices. Pass --quilt if you are using quilt and
# want files to be added to the quilt before being changed.
#
# By default the script will update all directories for which the
# output has been vetted. You can instead pass the names of individual
# directories, including those that haven't been approved. So:
#
# update-copyright.pl --this-year
#
# is the command that would be used at the beginning of a year to update
# all copyright notices (and possibly at other times to check whether
# new files have been added with old years). On the other hand:
#
# update-copyright.pl --this-year libjava
#
# would run the script on just libjava/.
#
# Note that things like --version output strings must be updated before
# this script is run. There's already a separate procedure for that.

import os
import re
import sys
import time
import subprocess

class Errors:
    def __init__ (self):
        self.num_errors = 0

    def report (self, filename, string):
        if filename:
            string = filename + ': ' + string
        sys.stderr.write (string + '
')
        self.num_errors += 1

    def ok (self):
        return self.num_errors == 0

class GenericFilter:
    def __init__ (self):
        self.skip_files = set()
        self.skip_dirs = set()
        self.skip_extensions = set()
self.fossilised_files = set()
self.own_files = set()

self.skip_files |= set([
    # Skip licence files.
    'COPYING',
    'COPYING.LIB',
    'COPYING3',
    'COPYING3.LIB',
    'LICENSE',
    'fdl.texi',
    'gpl_v3.texi',
    'fdl-1.3.xml',
    'gpl-3.0.xml',

    # Skip auto- and libtool-related files
    'aclocal.m4',
    'compile',
    'config.guess',
    'config.sub',
    'depcomp',
    'install-sh',
    'libtool.m4',
    'ltmain.sh',
    'ltoptions.m4',
    'ltsgar.m4',
    'ltversion.m4',
    'lt~obsolete.m4',
    'missing',
    'mkdep',
    'mkinstalldirs',
    'move-if-change',
    'shlibpath.m4',
    'symlink-tree',
    'ylwrap',

    # Skip FSF mission statement, etc.
    'gnu.texi',
    'funding.texi',
    'appendix_free.xml',

    # Skip imported texinfo files.
    'texinfo.tex',
])

def get_line_filter(self, dir, filename):
    if filename.startswith('ChangeLog'):
# Ignore references to copyright in changelog entries.
return re.compile(r'\t')

return None

def skip_file(self, dir, filename):
    if filename in self.skip_files:
        return True

    (base, extension) = os.path.splitext(os.path.join(dir, filename))
    if extension in self.skip_extensions:
        return True

    if extension == '.in':
        # Skip .in files produced by automake.
        if os.path.exists(base + '.am'):
            return True

        # Skip files produced by autogen
        if (os.path.exists(base + '.def')
            and os.path.exists(base + '.tpl')):
            return True

        # Skip configure files produced by autoconf
        if filename == 'configure':
            if os.path.exists(base + '.ac'):
                return True

            if os.path.exists(base + '.in'):
                return True

    return False

def skip_dir(self, dir, subdir):
    return subdir in self.skip_dirs

def is_fossilised_file(self, dir, filename):
    if filename in self.fossilised_files:
        return True

    # Only touch current current ChangeLogs.
    if filename != 'ChangeLog' and filename.find('ChangeLog') >= 0:
        return True

    return False

def by_package_author(self, dir, filename):
    return filename in self.own_files

class Copyright:
    def __init__(self, errors):

self.errors = errors

# Characters in a range of years. Include '.' for typos.
ranges = '[0-9][\[\-0-9,\.\s]\s+]\*[0-9]'

# Non-whitespace characters in a copyright holder's name.
name = '[\w.,-]'

# Matches one year.
self.year_re = re.compile('[0-9]+')

# Matches part of a year or copyright holder.
self.continuation_re = re.compile(ranges + '\s*\[' + name + ']' + name)

# Matches a full copyright notice:
self.copyright_re = re.compile(  
    # 1: 'Copyright (C)', etc.
    '([Cc]opyright'  
    '\[[Cc]opyright\s+\{[Cc]\}\]'  
    '\[[Cc]opyright\s+%s'  
    '\[[Cc]opyright\s+&copy;'  
    '\[[Cc]opyright\s+@copyright\]}'  
    '\[copyright = ut]'  
    '\[@set\s+copyright\[\w-\-]+\]'  

    # 2: the years. Include the whitespace in the year, so that
    # we can remove any excess.
    '\s*\(?' + ranges + '\?\)'  
    '\[@value\{[^{}]*\}\}\s*\]'

    # 3: 'by ', if used
    '\(by\s+\)'?

    # 4: the copyright holder. Don't allow multiple consecutive
    # spaces, so that right-margin gloss doesn't get caught
    # (e.g. gnat_ugn.texi).
    '\(?' + name + '\(\?\s?' + name + '\)\)\?\)?)

    # A regexp for notices that might have slipped by. Just matching
    # 'copyright' is too noisy, and 'copyright.*[0-9]' falls foul of
    # HTML header markers, so check for 'copyright' and two digits.
    self.other_copyright_re = re.compile('copyright.*\[0-9]\[0-9]',
        re.IGNORECASE)

self.comment_re = re.compile('#+|[*]+|;+|%+|//+|@c |dnl ')

self.holders = { '@copying': '@copying' }

self.holder_prefixes = set()

# True to 'quilt add' files before changing them.
self.use_quilt = False

# If set, force all notices to include this year.
self.max_year = None

# Goes after the year(s). Could be ', '.
self.separator = ' '

def add_package_author (self, holder, canon_form = None):
    if not canon_form:
        canon_form = holder
    self.holders[holder] = canon_form
    index = holder.find (' ')
    while index >= 0:
        self.holder_prefixes.add (holder[:index])
        index = holder.find (' ', index + 1)

def add_external_author (self, holder):
    self.holders[holder] = None

class BadYear():
    def __init__ (self, year):
        self.year = year

    def __str__ (self):
        return 'unrecognised year: ' + self.year

def parse_year (self, string):
    year = int (string)
    if len (string) == 2:
        if year > 70:
            return year + 1900
        else:
            raise self.BadYear (string)
    elif len (string) == 4:
        return year
    else:
        raise self.BadYear (string)

def year_range (self, years):
    year_list = [self.parse_year (year)
                 for year in self.year_re.findall (years)]
    assert len (year_list) > 0
    return (min (year_list), max (year_list))

def set_use_quilt (self, use_quilt):
    self.use_quilt = use_quilt

def include_year (self, year):
    assert not self.max_year
    self.max_year = year
def canonicalise_years(self, dir, filename, filter, years):
    # Leave texinfo variables alone.
    if years.startswith('@value'):
        return years

    (min_year, max_year) = self.year_range(years)

    # Update the upper bound, if enabled.
    if self.max_year and not filter.is_fossilised_file(dir, filename):
        max_year = max(max_year, self.max_year)

    # Use a range.
    if min_year == max_year:
        return '%d' % min_year
    else:
        return '%d-%d' % (min_year, max_year)

def strip_continuation(self, line):
    line = line.lstrip()
    match = self.comment_re.match(line)
    if match:
        line = line[match.end():].lstrip()
    return line

def is_complete(self, match):
    holder = match.group(4)
    return (holder
            and (holder not in self.holder_prefixes
                 or holder in self.holders))

def update_copyright(self, dir, filename, filter, file, line, match):
    orig_line = line
    next_line = None
    pathname = os.path.join(dir, filename)

    intro = match.group(1)
    if intro.startswith('@set'):
        # Texinfo year variables should always be on one line
        after_years = line[match.end(2):].strip()
        if after_years != '':
            self.errors.report(pathname,
                               'trailing characters in @set: ' + after_years)
            return (False, orig_line, next_line)
    else:
        # If it looks like the copyright is incomplete, add the next line.
        while not self.is_complete(match):
try:
    next_line = file.next()
except StopIteration:
    break

# If the next line doesn't look like a proper continuation,
# assume that what we've got is complete.
continuation = self.strip_continuation(next_line)
if not self.continuation_re.match(continuation):
    break

# Merge the lines for matching purposes.
orig_line += next_line
line = line.rstrip() + ' ' + continuation
next_line = None

# Rematch with the longer line, at the original position.
match = self.copyright_re.match(line, match.start())
assert match

holder = match.group(4)

# Use the filter to test cases where markup is getting in the way.
if filter.by_package_author(dir, filename):
    assert holder not in self.holders
elif not holder:
    self.errors.report(pathname, 'missing copyright holder')
    return (False, orig_line, next_line)
elif holder not in self.holders:
    self.errors.report(pathname, 'unrecognised copyright holder: ' + holder)
    return (False, orig_line, next_line)
else:
    # See whether the copyright is associated with the package
    # author.
canon_form = self.holders[holder]
    if not canon_form:
        return (False, orig_line, next_line)

    # Make sure the author is given in a consistent way.
    line = (line[:match.start(4)]
            + canon_form
            + line[match.end(4):])

    # Remove any 'by'
line = line[:match.start (3)] + line[match.end (3):]

# Update the copyright years.
years = match.group (2).strip()
try:
    canon_form = self.canonicalise_years (dir, filename, filter, years)
ext except self.BadYear as e:
    self.errors.report (pathname, str (e))
    return (False, orig_line, next_line)

line = (line[:match.start (2)]
        + ('' if intro.startswith ('copyright = ') else ' ') +
        canon_form + self.separator + line[match.end (2):])

# Use the standard (C) form.
if intro.endswith ('right'):
    intro += ' (C)'
elif intro.endswith ('(c)'):
    intro = intro[:-3] + '(C)'
line = line[:match.start (1)] + intro + line[match.end (1):]

# Strip trailing whitespace
line = line.rstrip() + '\n'

return (line != orig_line, line, next_line)

def process_file (self, dir, filename, filter):
    pathname = os.path.join (dir, filename)
    if filename.endswith ('.tmp'):
        # Looks like something we tried to create before.
        try:
            os.remove (pathname)
        except OSError:
            pass
        return

    lines = []
    changed = False
    line_filter = filter.get_line_filter (dir, filename)
    with open (pathname, 'r') as file:
        prev = None
        for line in file:
            next_line = None
            # Leave filtered-out lines alone.
            if not (line_filter and line_filter.match (line)):
                match = self.copyright_re.search (line)
if match:
    res = self.update_copyright (dir, filename, filter,
                                 file, line, match)
    (this_changed, line, next_line) = res
    changed = changed or this_changed

    # Check for copyright lines that might have slipped by.
    elif self.other_copyright_re.search (line):
        self.errors.report (pathname,
                            'unrecognised copyright: %s'
                            % line.strip())
        lines.append (line)
        line = next_line

    # If something changed, write the new file out.
    if changed and self.errors.ok():
        tmp_pathname = pathname + '.tmp'
        with open (tmp_pathname, 'w') as file:
            for line in lines:
                file.write (line)
            if self.use_quilt:
                subprocess.call (["quilt", 'add', pathname])
            os.rename (tmp_pathname, pathname)

def process_tree (self, tree, filter):
    for (dir, subdirs, filenames) in os.walk (tree):
        # Don't recurse through directories that should be skipped.
        for i in xrange (len (subdirs) - 1, -1, -1):
            if filter.skip_dir (dir, subdirs[i]):
                del subdirs[i]

        # Handle the files in this directory.
        for filename in filenames:
            if filter.skip_file (dir, filename):
                sys.stdout.write ('Skipping %s
' % os.path.join (dir, filename))
            else:
                self.process_file (dir, filename, filter)

class CmdLine:
    def __init__ (self, copyright = Copyright):
        self.errors = Errors()
        self.copyright = copyright (self.errors)
        self.dirs = []
        self.default_dirs = []
        self.chosen_dirs = []
        self.option_handlers = dict()
        self.option_help = []
self.add_option ('--help', 'Print this help', self.o_help)
self.add_option ('--quilt', '"quilt add" files before changing them',
    self.o_quilt)
self.add_option ('--this-year', 'Add the current year to every notice',
    self.o_this_year)

def add_option (self, name, help, handler):
    self.option_help.append ((name, help))
    self.option_handlers[name] = handler

def add_dir (self, dir, filter = GenericFilter ()):  
    self.dirs.append ((dir, filter))

def o_help (self, option = None):
    sys.stdout.write ('Usage: %s [options] dir1 dir2...\n\n' % sys.argv[0])
    'Options:\n' % sys.argv[0])
    format = '%-15s %s
'
    for (what, help) in self.option_help:
        sys.stdout.write (format % (what, help))
    sys.stdout.write ('\nDirectories:\n')
    format = '%-25s'
    i = 0
    for (dir, filter) in self.dirs:
        i += 1
        if i % 3 == 0 or i == len (self.dirs):
            sys.stdout.write (dir + '\n')
        else:
            sys.stdout.write (format % dir)
    sys.exit (0)

def o_quilt (self, option):
    self.copyright.set_use_quilt (True)

def o_this_year (self, option):
    self.copyright.include_year (time.localtime().tm_year)

def main (self):
    for arg in sys.argv[1:]:
        if arg[:1] != '-':
            self.chosen_dirs.append (arg)
        elif arg in self.option_handlers:
            self.option_handlers[arg] (arg)
        else:
            self.errors.report (None, 'unrecognised option: ' + arg)
    if self.errors.ok():
        if len (self.chosen_dirs) == 0:
self.chosen_dirs = self.default_dirs
if len(self.chosen_dirs) == 0:
    self.o_help()
else:
    for chosen_dir in self.chosen_dirs:
        canon_dir = os.path.join(chosen_dir, '')
        count = 0
        for (dir, filter) in self.dirs:
            if (dir + os.sep).startswith(canon_dir):
                count += 1
                self.copyright.process_tree(dir, filter)
        if count == 0:
            self.errors.report(None, 'unrecognised directory: ' + chosen_dir)
        sys.exit(0 if self.errors.ok() else 1)

#--------------------------------------------------------------------------------
class TopLevelFilter(GenericFilter):
    def skip_dir(self, dir, subdir):
        return True

class ConfigFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

    def skip_file(self, dir, filename):
        if filename.endswith('.m4'):
            pathname = os.path.join(dir, filename)
            with open(pathname) as file:
                # Skip files imported from gettext.
                if file.readline().find('gettext-') >= 0:
                    return True
            return GenericFilter.skip_file(self, dir, filename)

class GCCFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_files |= set(['math-68881.h',])

        self.skip_dirs |= set(['ada',])
class TestsuiteFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_extensions |= set ([
            # Don't change the tests, which could be used by anyone.
            '.c',
            '.C',
            '.cc',
            '.h',
            '.hs',
            '.f',
            '.f90',
            '.go',
            '.inc',
            '.java',
        ])

    def skip_file (self, dir, filename):
        # g++.niklas/README contains historical copyright information
        # and isn't updated.
        if filename == 'README' and os.path.basename (dir) == 'g++.niklas':
            return True
        return GenericFilter.skip_file (self, dir, filename)

class LibCppFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_extensions |= set ([
            # Maintained by the translation project.
            '.po',
        ])

        self.fossilised_files |= set ({
            # Old news won't be updated.
            'ONEWS',
        })
class LibGCCFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_dirs |= set(
            # Imported from GLIBC.
            'soft-fp',
        )

class LibJavaFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_dirs |= set(
            # Handled separately.
            'testsuite',

            # Not really part of the library
            'contrib',

            # Imported from upstream
            'classpath',
            'libltdl',
        )

def get_line_filter(self, dir, filename):
    if filename == 'NameDecoder.h':
        return re.compile('.*NAME_COPYRIGHT')
    if filename == 'ICC_Profile.h':
        return re.compile('.*icSigCopyrightTag')
    return GenericFilter.get_line_filter(self, dir, filename)

class LibMudflapFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_dirs |= set(
            # Handled separately.
            'testsuite',
        )

class LibStdCxxFilter(GenericFilter):
def __init__(self):
    GenericFilter.__init__(self)

    self.skip_files |= set([
        # Contains no copyright of its own, but quotes the GPL.
        'intro.xml',
    ])

    self.skip_dirs |= set([
        # Contains automatically-generated sources.
        'html',

        # The testsuite data files shouldn't be changed.
        'data',

        # Contains imported images
        'images',
    ])

    self.own_files |= set([
        # Contains markup around the copyright owner.
        'spine.xml',
    ])

def get_line_filter(self, dir, filename):
    if filename == 'boost_concept_check.h':
        return re.compile('// (C) Copyright Jeremy Siek')
    return GenericFilter.get_line_filter(self, dir, filename)

class GCCCopyright(Copyright):
    def __init__(self, errors):
        Copyright.__init__(self, errors)

        canon_fsf = 'Free Software Foundation, Inc.'
        self.add_package_author('Free Software Foundation, Inc.', canon_fsf)
        self.add_package_author('Free Software Foundation.', canon_fsf)
        self.add_package_author('Free Software Foundation Inc.', canon_fsf)
        self.add_package_author('Free Software Foundation, Inc.', canon_fsf)
        self.add_package_author('The Free Software Foundation', canon_fsf)
        self.add_package_author('The Free Software Foundation, Inc.', canon_fsf)
        self.add_package_author('Software Foundation, Inc.', canon_fsf)
        self.add_package_author('Software Foundation, Inc.', canon_fsf)

        self.add_external_author('ARM')
        self.add_external_author('AdaCore')
        self.add_external_author('Ami Tavory and Vladimir Dreizin, IBM-HRL.')
        self.add_external_author('Cavium Networks.')
        self.add_external_author('Faraday Technology Corp.')
self.add_external_author('Florida State University')
self.add_external_author('Greg Colvin and Beman Dawes.')
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self.add_external_author('Silicon Graphics')
self.add_external_author('Stephen L. Moshier')
self.add_external_author('Sun Microsystems, Inc. All rights reserved.')
self.add_external_author('The Go Authors. All rights reserved.')
self.add_external_author('The Regents of the University of California.')
self.add_external_author('Unicode, Inc.')
self.add_external_author('University of Toronto.')

class GCCCmdLine (CmdLine):
def __init__ (self):
    CmdLine.__init__ (self, GCCCopyright)

    self.add_dir ('.', TopLevelFilter())
    # boehm-gc is imported from upstream.
    self.add_dir ('config', ConfigFilter())
    # contrib isn't really part of GCC.
    self.add_dir ('fixincludes')
    self.add_dir ('gcc', GCCFilter())
    self.add_dir (os.path.join ('gcc', 'testsuite'), TestsuiteFilter())
    self.add_dir ('gnattools')
    self.add_dir ('include')
    self.add_dir ('libada')
    self.add_dir ('libatomic')
    self.add_dir ('libbacktrace')
    self.add_dir ('libcpp', LibCppFilter())
    self.add_dir ('libdecnumber')
    # libffi is imported from upstream.
    self.add_dir ('libgcc', LibGCCFilter())
    self.add_dir ('libgfortran')
    self.add_dir ('libgomp')
    self.add_dir ('libiberty')
    self.add_dir ('libitm')
    self.add_dir ('libjava', LibJavaFilter())
    self.add_dir (os.path.join ('libjava', 'testsuite'), TestsuiteFilter())
self.add_dir ('libmudflap', LibMudflapFilter())
self.add_dir (os.path.join ('libmudflap', 'testsuite'),
            TestsuiteFilter())
self.add_dir ('libobjc')
self.add_dir ('libquadmath')
# libsanitiser is imported from upstream.
self.add_dir ('libssp')
self.add_dir ('libstdc++-v3', LibStdCxxFilter())
self.add_dir ('lto-plugin')
# zlib is imported from upstream.

self.default_dirs = [
    'gcc',
    'libada',
    'libatomic',
    'libbacktrace',
    'libcpp',
    'libdecnumber',
    'libgcc',
    'libgfortran',
    'libgomp',
    'libitm',
    'libmudflap',
    'libobjc',
    'libstdc++-v3',
]

GCCCmdLine().main()

.. _gnu_fdl:

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Version 1.3, 3 November 2008

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 * and optionally a list of actions that relate to the permission. The
 * actual meaning of the name of the permission is defined only in the
 * context of a subclass. It may name a resource to which access permissions
 * are granted (for example, the name of a file) or it might represent
 * something else entirely. Similarly, the action list only has meaning
 * within the context of a subclass. Some permission names may have no
 * actions associated with them. That is, you either have the permission
 * or you don't.
 *<p>The most important method in this class is <code>implies</code>. This
 * checks whether if one has this permission, then the specified
 * permission is also implied. As a conceptual example, consider the
 * permissions "Read All Files" and "Read File foo". The permission
 * "Read All Files" implies that the caller has permission to read the
 * file foo.
 *<p><code>Permission</code>'s must be immutable - do not change their
 * state after creation.
 *<p>@author Aaron M. Renn (arenn@urbanophile.com)
 *<p>@see Permissions
 *<p>@see PermissionCollection
 *<p>@since 1.1
 *<p>@status updated to 1.4
 */
public abstract class Permission implements Guard, Serializable
{
/**
 * Compatible with JDK 1.1+.
 */
private static final long serialVersionUID = -563657022231596674L;

/**
 * This is the name assigned to this permission object.
 *
 * @serial the name of the permission
 */
private String name;

/**
 * Create an instance with the specified name.
 *
 * @param name the permission name
 */
public Permission(String name)
{
    this.name = name;
}

/**
 * This method implements the <code>Guard</code> interface for this class.
 * It calls the <code>checkPermission</code> method in
 * <code>SecurityManager</code> with this <code>Permission</code> as its
 * argument. This method returns silently if the security check succeeds
 * or throws an exception if it fails.
 *
 * @param obj the <code>Object</code> being guarded - ignored by this class
 * @throws SecurityException if the security check fails
 * @see GuardedObject
 * @see SecurityManager#checkPermission(Permission)
 */
public void checkGuard(Object obj)
{
    SecurityManager sm = System.getSecurityManager();
    if (sm != null)
        sm.checkPermission(this);
}

/**
 * This method tests whether this <code>Permission</code> implies that the
 * specified <code>Permission</code> is also granted.
 *
 * @param perm the <code>Permission</code> to test against
public abstract boolean implies(Permission perm);

/**
 * Check to see if this object equals obj. Use <code>implies</code>, rather
 * than <code>equals</code>, when making access control decisions.
 * @param obj the object to compare to
 */
public abstract boolean equals(Object obj);

/**
 * This method returns a hash code for this <code>Permission</code>. It
 * must satisfy the contract of <code>Object.hashCode</code>: it must be
 * the same for all objects that equals considers to be the same.
 * @return a hash value
 */
public abstract int hashCode();

/**
 * Get the name of this <code>Permission</code>.
 * @return the name
 */
public final String getName()
{
    return name;
}

/**
 * This method returns the list of actions for this <code>Permission</code>
 * as a <code>String</code>. The string should be in canonical order, for
 * example, both <code>new FilePermission(f, "write,read")</code> and
 * <code>new FilePermission(f, "read,write")</code> have the action list
 * "read,write".
 * @return the action list for this <code>Permission</code>
 */
public abstract String getActions();

/**
 * This method returns an empty <code>PermissionCollection</code> object
 * that can store permissions of this type, or <code>null</code> if no
 * such collection is defined. Subclasses must override this to provide
 * an appropriate collection when one is needed to accurately calculate
 * <code>implies</code>.
 */
public PermissionCollection newPermissionCollection()
{
    return null;
}

/**
 * This method returns a <code>String</code> representation of this <code>Permission</code> object. This is in the format:
 * <code>'(' + getClass().getName() + ' ' + getName() + ' ' + getActions + ')'</code>.
 *
 * @return this object as a <code>String</code>
 */
public String toString()
{
    CPStringBuilder string = new CPStringBuilder();

    string = string.append('(');
    string = string.append(getClass().getName());
    string = string.append(' ');
    string = string.append(getName());
    if (!(getActions().equals("")))
    {
        string = string.append(' ');
        string = string.append(getActions());
    }

    string = string.append(')');
    return string.toString();
}
} // class Permission

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Version 3, 29 June 2007

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 "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"><html
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 charset=UTF-8" /> <title>License</title> <meta name="generator" content="DocBook XSL-NS Stylesheets
 V1.78.1" /> <meta name="keywords" content="ISO C++, library" />
<meta name="keywords" content="ISO C++, runtime, library" />
<link rel="home" href="../index.html" title="The GNU C++ Library" />
<link rel="up" href="status.html" title="Chapter1.Status" />
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<link rel="prev" href="status.html" title="Chapter1.Status" />
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<link rel="stylesheet" type="text/css" href="../stylesheets/visuallyhidable.css" />
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<th align="center">License</th> <td align="right" width="100%"><a accesskey="r">Next</a> | <a accesskey="p">Prev</a> | <a accesskey="u">Up</a> | <a accesskey="h">Home</a></td></tr> <tr><td align="center" width="100%">Open Source Used In MKS Edge 1.6.0 1.6.0.268 4961</td></tr> </table></div>
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Version 3.1.31 March 2009

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Ty Coon, President of Vice

That's all there is to it!
/* Definitions for BSD assembler syntax for Intel 386
   (actually AT&T syntax for insns and operands,
   adapted to BSD conventions for symbol names and debugging.)
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<http://www.gnu.org/licenses/>. */

/* Use the Sequent Symmetry assembler syntax. */

/* Define the syntax of pseudo-ops, labels and comments. */

/* Prefix for internally generated assembler labels. If we aren't using
underscores, we are using prefix `.s to identify labels that should
be ignored, as in `i386/gas.h' --karl@cs.umb.edu */

#define LPREFIX "L"

/* Assembler pseudos to introduce constants of various size. */

#define ASM_BYTE "\t.byte\t"
#define ASM_SHORT "\t.word\t"
#define ASM_LONG "\t.long\t"
#define ASM_QUAD "\t.quad\t" /* Should not be used for 32bit compilation. */

/* This was suggested, but it shouldn't be right for DBX output. -- RMS
#define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */
/* Define the syntax of labels and symbol definitions/declarations. */
/* This is how to output an assembler line that says to advance the location counter by SIZE bytes. */

#define ASM_OUTPUT_SKIP(FILE,SIZE)  
   fprintf (FILE, "\t.space "HOST_WIDE_INT_PRINT_UNSIGNED"\n", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations. */
/* This says how to output an assembler line to define a global common symbol. */

#define ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED)  
   ( fputs (".comm ", (FILE)),
     assemble_name ((FILE), (NAME)),
     fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

/* This says how to output an assembler line to define a local common symbol. */

#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED)  
   ( fputs (".lcomm ", (FILE)),
     assemble_name ((FILE), (NAME)),
     fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

#ifdef HAVE_GAS_LCOMM_WITH_ALIGNMENT
#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT)  
   ( fputs (".lcomm ", (FILE)),
     assemble_name ((FILE), (NAME)),
     fprintf ((FILE), ",%u,%u\n", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line that says to advance the location counter to a multiple of 2**LOG bytes. */

#define ASM_OUTPUT_ALIGN(FILE,LOG)  
   if ((LOG)!=0) fprintf ((FILE), 	\t\t\t.align %d\n", (LOG))

/* This is how to store into the string BUF the symbol_ref name of an internal numbered label where
PREFIX is the class of label and NUM is the number within the class.
This is suitable for output with `assemble_name'. */

#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER)  
   sprintf ((BUF), 	\t*%s%ld", (PREFIX), (long)(NUMBER))
/* The prefix to add to user-visible assembler symbols. */

#define USER_LABEL_PREFIX "_"

/* Sequent has some changes in the format of DBX symbols. */
#define DBX_NO_XREFS 1

/* Don't split DBX symbols into continuations. */
#define DBX_CONTIN_LENGTH 0

#!/usr/bin/python
#
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#
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# any later version.
#
# This script adjusts the copyright notices at the top of source files
# so that they have the form:
#
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#
# It doesn't change code that is known to be maintained elsewhere or
# that carries a non-FSF copyright.
#
# The script also doesn't change testsuite files, except those in
# libstdc++-v3. This is because libstdc++-v3 has a conformance testsuite,
# while most tests in other directories are just things that failed at some
# point in the past.
#
# Pass --this-year to the script if you want it to add the current year
# to all applicable notices. Pass --quilt if you are using quilt and
# want files to be added to the quilt before being changed.
#
# By default the script will update all directories for which the
# output has been vetted. You can instead pass the names of individual
# directories, including those that haven't been approved. So:
#
# update-copyright.pl --this-year
#
# is the command that would be used at the beginning of a year to update
# all copyright notices (and possibly at other times to check whether
# new files have been added with old years). On the other hand:
#
# update-copyright.pl --this-year libjava
#
# would run the script on just libjava/.
#
# Note that things like --version output strings must be updated before
# this script is run. There's already a separate procedure for that.

import os
import re
import sys
import time
import subprocess

class Errors:
    def __init__(self):
        self.num_errors = 0

    def report(self, filename, string):
        if filename:
            string = filename + ': ' + string
        sys.stderr.write(string + '
')
        self.num_errors += 1

    def ok(self):
        return self.num_errors == 0

class GenericFilter:
    def __init__(self):
        self.skip_files = set()
        self.skip_dirs = set()
        self.skip_extensions = set()
        self.fossilised_files = set()
        self.own_files = set()

        self.skip_files |= set([
            # Skip licence files.
            'COPYING',
            'COPYING.LIB',
            'COPYING3',
            'COPYING3.LIB',
            'LICENSE',
            'fdl.texi',
            'gpl_v3.texi',
            'fdl-1.3.xml',
            'gpl-3.0.xml',

            # Skip auto- and libtool-related files
            'aclocal.m4',
            'compile',
            'config.guess',
        ])

        self.skip_dirs = set([
            '.build',
        ])

        self.fossilised_files = set([
            'install',
            'lib',
            'include',
        ])

        self.own_files = set([
            'LICENSE',
            'COPYING',
            'COPYING3',
        ])
def get_line_filter(self, dir, filename):
    if filename.startswith('ChangeLog'):
        # Ignore references to copyright in changelog entries.
        return re.compile(\'t\')

    return None

def skip_file(self, dir, filename):
    if filename in self.skip_files:
        return True

    (base, extension) = os.path.splitext(os.path.join(dir, filename))
    if extension in self.skip_extensions:
        return True

    if extension == '.in':
        # Skip .in files produced by automake.
        if os.path.exists(base + '.am'):
            return True

    # Skip files produced by autogen
if (os.path.exists (base + '.def')
    and os.path.exists (base + '.tpl')):
    return True

    # Skip configure files produced by autoconf
    if filename == 'configure':
        if os.path.exists (base + '.ac'):
            return True
        if os.path.exists (base + '.in'):
            return True

    return False

def skip_dir (self, dir, subdir):
    return subdir in self.skip_dirs

def is_fossilised_file (self, dir, filename):
    if filename in self.fossilised_files:
        return True
    # Only touch current current ChangeLogs.
    if filename != 'ChangeLog' and filename.find ('ChangeLog') >= 0:
        return True
    return False

def by_package_author (self, dir, filename):
    return filename in self.own_files

class Copyright:
    def __init__ (self, errors):
        self.errors = errors

        # Characters in a range of years. Include '.' for typos.
        ranges = '[0-9][?:-0-9,.\s]*[0-9]'

        # Non-whitespace characters in a copyright holder's name.
        name = '\w..-'

        # Matches one year.
        self.year_re = re.compile ('[0-9]+')

        # Matches part of a year or copyright holder.
        self.continuation_re = re.compile (ranges + '|' + name)

        # Matches a full copyright notice:
        self.copyright_re = re.compile (r'\([^Cc](C\)\)?\s*[Cc]\[(Cc)\]')
def add_package_author (self, holder, canon_form = None):
    if not canon_form:
        canon_form = holder
    self.holders[holder] = canon_form
    index = holder.find (')
    while index >= 0:
        self.holder_prefixes.add (holder[index+1:]
    index = holder.find (',', index + 1)

def add_external_author (self, holder):
    self.holders[holder] = None
class BadYear():
    def __init__(self, year):
        self.year = year

    def __str__(self):
        return 'unrecognised year: ' + self.year

def parse_year(self, string):
    year = int(string)
    if len(string) == 2:
        if year > 70:
            return year + 1900
        elif len(string) == 4:
            return year
        raise self.BadYear(string)

def year_range(self, years):
    year_list = [self.parse_year(year)
                 for year in self.year_re.findall(years)]
    assert len(year_list) > 0
    return (min(year_list), max(year_list))

def set_use_quilt(self, use_quilt):
    self.use_quilt = use_quilt

def include_year(self, year):
    assert not self.max_year
    self.max_year = year

def canonicalise_years(self, dir, filename, filter, years):
    # Leave texinfo variables alone.
    if years.startswith('@value'):
        return years
    (min_year, max_year) = self.year_range(years)

    # Update the upper bound, if enabled.
    if self.max_year and not filter.is_fossilised_file(dir, filename):
        max_year = max(max_year, self.max_year)

    # Use a range.
    if min_year == max_year:
        return '%d' % min_year
    else:
        return '%d-%d' % (min_year, max_year)

def strip_continuation(self, line):

line = line.lstrip()
match = self.comment_re.match(line)
if match:
    line = line[match.end():].lstrip()
return line

def is_complete(self, match):
    holder = match.group(4)
    return (holder
        and (holder not in self.holder_prefixes
            or holder in self.holders))

def update_copyright(self, dir, filename, filter, file, line, match):
    orig_line = line
    next_line = None
    pathname = os.path.join(dir, filename)

    intro = match.group(1)
    if intro.startswith('@set'):
        # Texinfo year variables should always be on one line
        after_years = line[match.end(2):].strip()
        if after_years != ':
            self.errors.report(pathname,
                'trailing characters in @set: ' + after_years)
            return (False, orig_line, next_line)
    else:
        # If it looks like the copyright is incomplete, add the next line.
        while not self.is_complete(match):
            try:
                next_line = file.next()
            except StopIteration:
                break
            # If the next line doesn't look like a proper continuation,
            # assume that what we've got is complete.
            continuation = self.strip_continuation(next_line)
            if not self.continuation_re.match(continuation):
                break

        # Merge the lines for matching purposes.
        orig_line += next_line
        line = line.rstrip() + ' ' + continuation
        next_line = None

        # Rematch with the longer line, at the original position.
        match = self.copyright_re.match(line, match.start())
        assert match
holder = match.group (4)

# Use the filter to test cases where markup is getting in the way.
if filter.by_package_author (dir, filename):
    assert holder not in self.holders

elif not holder:
    self.errors.report (pathname, 'missing copyright holder')
    return (False, orig_line, next_line)

elif holder not in self.holders:
    self.errors.report (pathname, 
    'unrecognised copyright holder: ' + holder)
    return (False, orig_line, next_line)

else:
    # See whether the copyright is associated with the package
    # author.
    canon_form = self.holders[holder]
    if not canon_form:
        return (False, orig_line, next_line)

    # Make sure the author is given in a consistent way.
    line = (line[:match.start (4)]
            + canon_form
            + line[match.end (4):])

    # Remove any 'by'
    line = line[:match.start (3)] + line[match.end (3):]

    # Update the copyright years.
    years = match.group (2).strip()
    try:
        canon_form = self.canonicalise_years (dir, filename, filter, years)
    except self.BadYear as e:
        self.errors.report (pathname, str (e))
        return (False, orig_line, next_line)

    line = (line[:match.start (2)]
            + ('' if intro.startswith ('copyright = ') else ' ')
            + canon_form + self.separator
            + line[match.end (2):])

    # Use the standard (C) form.
    if intro.endswith ('right'):
        intro += ' (C)
    elif intro.endswith ('(c)'):
intro = intro[:-3] + ' (C)'
line = line[:match.start (1)] + intro + line[match.end (1):]

# Strip trailing whitespace
line = line.rstrip() + '
'
return (line != orig_line, line, next_line)

def process_file (self, dir, filename, filter):
    pathname = os.path.join (dir, filename)
    if filename.endswith ('.tmp'):
        # Looks like something we tried to create before.
        try:
            os.remove (pathname)
        except OSError:
            pass
        return

    lines = []
    changed = False
    line_filter = filter.get_line_filter (dir, filename)
    with open (pathname, 'r') as file:
        prev = None
        for line in file:
            while line:
                next_line = None
                # Leave filtered-out lines alone.
                if not (line_filter and line_filter.match (line)):
                    match = self.copyright_re.search (line)
                    if match:
                        res = self.update_copyright (dir, filename, filter,
                                        file, line, match)
                        (this_changed, line, next_line) = res
                        changed = changed or this_changed
                # Check for copyright lines that might have slipped by.
                elif self.other_copyright_re.search (line):
                    self.errors.report (pathname,
                                    'unrecognised copyright: %s'
                                    % line.strip())
                    lines.append (line)
                    line = next_line

                # If something changed, write the new file out.
                if changed and self.errors.ok():
                    tmp_pathname = pathname + '.tmp'
                    with open (tmp_pathname, 'w') as file:
                        for line in lines:
file.write (line)
if self.use_quilt:
    subprocess.call (["quilt", "add", pathname])
os.rename (tmp_pathname, pathname)

def process_tree (self, tree, filter):
    for (dir, subdirs, filenames) in os.walk (tree):
        # Don't recurse through directories that should be skipped.
        for i in xrange (len (subdirs) - 1, -1, -1):
            if filter.skip_dir (dir, subdirs[i]):
                del subdirs[i]

        # Handle the files in this directory.
        for filename in filenames:
            if filter.skip_file (dir, filename):
                sys.stdout.write ('Skipping %s
' % os.path.join (dir, filename))
            else:
                self.process_file (dir, filename, filter)

class CmdLine:
    def __init__ (self, copyright = Copyright):
        self.errors = Errors()
        self.copyright = copyright (self.errors)
        self.dirs = []
        self.default_dirs = []
        self.chosen_dirs = []
        self.option_handlers = dict()
        self.option_help = []

        self.add_option ("--help", 'Print this help', self.o_help)
        self.add_option ("--quilt", ""quilt add" files before changing them",
                        self.o_quilt)
        self.add_option ("--this-year", 'Add the current year to every notice",
                        self.o_this_year)

    def add_option (self, name, help, handler):
        self.option_help.append ((name, help))
        self.option_handlers[name] = handler

    def add_dir (self, dir, filter = GenericFilter()):
        self.dirs.append ((dir, filter))

    def o_help (self, option = None):
        sys.stdout.write ('Usage: %s [options] dir1 dir2...
' % sys.argv[0])
        format = '%-15s %s
'
        for (what, help) in self.option_help:
sys.stdout.write (format % (what, help))
sys.stdout.write ('nDirectories:nn')

format = '%-25s'
i = 0
for (dir, filter) in self.dirs:
i += 1
if i % 3 == 0 or i == len (self.dirs):
sys.stdout.write (dir + 'n')
else:
sys.stdout.write (format % dir)
sys.exit (0)

def o_quilt (self, option):
    self.copyright.set_use_quilt (True)

def o_this_year (self, option):
    self.copyright.include_year (time.localtime().tm_year)

def main (self):
    for arg in sys.argv[1:]:
        if arg[1:] != '-':
            self.chosen_dirs.append (arg)
elif arg in self.option_handlers:
    self.option_handlers[arg] (arg)
else:
    self.errors.report (None, 'unrecognised option: ' + arg)
if self.errors.ok():
    if len (self.chosen_dirs) == 0:
        self.chosen_dirs = self.default_dirs
    if len (self.chosen_dirs) == 0:
        self.o_help()
else:
    for chosen_dir in self.chosen_dirs:
        canon_dir = os.path.join (chosen_dir, '')
count = 0
for (dir, filter) in self.dirs:
    if (dir + os.sep).startswith (canon_dir):
count += 1
    self.copyright.process_tree (dir, filter)
if count == 0:
    self.errors.report (None, 'unrecognised directory: ' + chosen_dir)
sys.exit (0 if self.errors.ok() else 1)

########################################################################

class TopLevelFilter (GenericFilter):
def skip_dir(self, dir, subdir):
    return True

class ConfigFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

    def skip_file(self, dir, filename):
        if filename.endswith('.m4'):
            pathname = os.path.join(dir, filename)
            with open(pathname) as file:
                # Skip files imported from gettext.
                if file.readline().find('gettext-') >= 0:
                    return True
        return GenericFilter.skip_file(self, dir, filename)

class GCCFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_files |= set(['
            # Not part of GCC
            'math-68881.h',
        ])

        self.skip_dirs |= set(['
            # Better not create a merge nightmare for the GNAT folks.
            'ada',

            # Handled separately.
            'testsuite',
        ])

        self.skip_extensions |= set(['
            # Maintained by the translation project.
            '.po',

            # Automatically-generated.
            '.pot',
        ])

        self.fossilised_files |= set(['
            # Old news won't be updated.
            'ONEWS',
        ])

class TestsuiteFilter(GenericFilter):
    def __init__(self):
GenericFilter.__init__(self)

self.skip_extensions |= set(['
    # Don’t change the tests, which could be woend by anyone.
    '.c',
    '.C',
    '.cc',
    '.h',
    '.hs',
    '.f',
    '.f90',
    '.go',
    '.inc',
    '.java',
])

def skip_file(self, dir, filename):
    # g++.niklas/README contains historical copyright information
    # and isn’t updated.
    if filename == 'README' and os.path.basename(dir) == 'g++.niklas':
        return True
    return GenericFilter.skip_file(self, dir, filename)

class LibCppFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_extensions |= set(['
            # Maintained by the translation project.
            '.po',

            # Automatically-generated.
            '.pot',
        ])

class LibGCCFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_dirs |= set(['
            # Imported from GLIBC.
            'soft-fp',
        ])

class LibJavaFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)
self.skip_dirs |= set([
    # Handled separately.
    'testsuite',

    # Not really part of the library
    'contrib',

    # Imported from upstream
    'classpath',
    'libltldl',
])

def get_line_filter(self, dir, filename):
    if filename == 'NameDecoder.h':
        return re.compile('.*NAME_COPYRIGHT')
    if filename == 'ICC_Profile.h':
        return re.compile('.*icSigCopyrightTag')
    return GenericFilter.get_line_filter(self, dir, filename)

class LibMudflapFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_dirs |= set([
            # Handled separately.
            'testsuite',
        ])

class LibStdCxxFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_files |= set([
            # Contains no copyright of its own, but quotes the GPL.
            'intro.xml',
        ])

        self.skip_dirs |= set([
            # Contains automatically-generated sources.
            'html',

            # The testsuite data files shouldn't be changed.
            'data',

            # Contains imported images
            'images',
        ])
self.own_files |= set([
    # Contains markup around the copyright owner.
    'spine.xml',
])

def get_line_filter(self, dir, filename):
    if filename == 'boost_concept_check.h':
        return re.compile('// (C) Copyright Jeremy Siek')
    return GenericFilter.get_line_filter(self, dir, filename)

class GCCCopyright(Copyright):
    def __init__(self, errors):
        Copyright.__init__(self, errors)

        canon_fsf = 'Free Software Foundation, Inc.'
        self.add_package_author('Free Software Foundation', canon_fsf)
        self.add_package_author('Free Software Foundation.', canon_fsf)
        self.add_package_author('Free Software Foundation Inc.', canon_fsf)
        self.add_package_author('Free Software Foundation, Inc', canon_fsf)
        self.add_package_author('Free Software Foundation, Inc.', canon_fsf)
        self.add_package_author('The Free Software Foundation', canon_fsf)
        self.add_package_author('The Free Software Foundation, Inc.', canon_fsf)
        self.add_package_author('Software Foundation, Inc.', canon_fsf)

        self.add_external_author('ARM')
        self.add_external_author('AdaCore')
        self.add_external_author('Ami Tavory and Vladimir Dreizin, IBM-HRL.')
        self.add_external_author('Cavium Networks.')
        self.add_external_author('Faraday Technology Corp.')
        self.add_external_author('Florida State University')
        self.add_external_author('Greg Colvin and Beman Dawes.')
        self.add_external_author('Hewlett-Packard Company')
        self.add_external_author('Information Technology Industry Council.')
        self.add_external_author('James Theiler, Brian Gough')
        self.add_external_author('Makoto Matsumoto and Takuiji Nishimura,')
        self.add_external_author('National Research Council of Canada')
        self.add_external_author('Peter Dimov and Multi Media Ltd.')
        self.add_external_author('Peter Dimov')
        self.add_external_author('Pipeline Associates, Inc.')
        self.add_external_author('Regents of the University of California.')
        self.add_external_author('Silicon Graphics Computer Systems, Inc.')
        self.add_external_author('Silicon Graphics')
        self.add_external_author('Stephen L. Moshier')
        self.add_external_author('Sun Microsystems, Inc. All rights reserved.')
        self.add_external_author('The Go Authors. All rights reserved.')
        self.add_external_author('The Go Authors.')
        self.add_external_author('The Regents of the University of California.')
self.add_external_author('Unicode, Inc.')
self.add_external_author('University of Toronto.')

class GCCCmdLine(CmdLine):
def __init__(self):
    CmdLine.__init__(self, GCCCopyright)
    self.add_dir('.', TopLevelFilter())  
    # boehm-gc is imported from upstream.
    self.add_dir('config', ConfigFilter())  
    # contrib isn't really part of GCC.
    self.add_dir('fixincludes')
    self.add_dir('gcc', GCCFilter())
    self.add_dir('gnattools')
    self.add_dir('include')
    self.add_dir('libada')
    self.add_dir('libatomic')
    self.add_dir('libbacktrace')
    self.add_dir('libc++', LibCppFilter())
    self.add_dir('libdecnumber')
    # libffi is imported from upstream.
    self.add_dir('libgcc', LibGCCFilter())
    self.add_dir('libgfortran')
    self.add_dir('libgomp')
    self.add_dir('libiberty')
    self.add_dir('libitm')
    self.add_dir('libjava', LibJavaFilter())
    self.add_dir('libmusl')
    self.add_dir('libobjc')
    self.add_dir('libquadmath')
    # libsanitiser is imported from upstream.
    self.add_dir('libssp')
    self.add_dir('libstdc++-v3', LibStdCxxFilter())
    self.add_dir('lto-plugin')
    # zlib is imported from upstream.
    self.default_dirs = ['gcc',
        'libada',
        'libatomic',
        'libbacktrace',
        'libc++',
        'libdecnumber',
        'libgcc',
        'libgfortran',
        'libgomp',
        'libiberty',
        'libitm',
        'libjava',
        'libmusl',
        'libobjc',
        'libquadmath',
        'libssp',
        'libstdc++-v3',
        'lto-plugin']
GCCCmdLine().main()
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1998-05-11

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* m4/ax_func_which_gethostbyname_r.m4

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Version 3.1.31 March 2009

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/**
 * This interface provides information about a permission that can be granted. Note that this is <em>not</em> the same as the class <code>java.security.Permission</code>.
 *
 * @version 0.0
public interface Permission
{

    /**
     * This method tests whether or not a specified <code>Permission</code> (passed as an <code>Object</code>) is the same as this permission.
     *
     * @param perm The permission to check for equality
     *
     * @return <code>true</code> if the specified permission is the same as this one, <code>false</code> otherwise
     */
    boolean equals (Object perm);

    /**
     * This method returns this <code>Permission</code> as a <code>String</code>.
     *
     * @return A <code>String</code> representing this permission.
     */
    String toString();
}

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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.

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").

"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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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

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   b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

   c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

   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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Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

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.
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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.

You must give prominent notice with each copy of the work that the
Library is used in it and that the Library and its use are covered by
this License. You must supply a copy of this License. If the work
during execution displays copyright notices, you must include the
copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License. Also, you must do one
of these things:

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.

For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be 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.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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   a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

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

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- xz, xzdec, and lzmadec command line tools are in the public domain unless GNU getopt_long had to be compiled and linked in from the lib directory. The getopt_long code is under GNU LGPLv2.1+.

- The scripts to grep, diff, and view compressed files have been adapted from gzip. These scripts and their documentation are under GNU GPLv2+.

- All the documentation in the doc directory and most of the XZ Utils specific documentation files in other directories are in the public domain.

- Translated messages are in the public domain.

- The build system contains public domain files, and files that are under GNU GPLv2+ or GNU GPLv3+. None of these files end up in the binaries being built.

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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.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that
is widely used among developers working in that language.

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A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

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Initialize empty image
f1c9645dbc14efddc7d8a322685f26eb bsd.img
Create new DOS partition table
57e721e38d1266c2df055067c18f2cf9 bsd.img

---layout---------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout---------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Device  Boot  Start  End    Sectors  Size Id  Type
<removed> 1  2048  4095  2048  1M  83 Linux

Create 2nd primary partition
1beb87248e05d6e462b749d65d023 bsd.img
Set 2nd partition type
2d8e8dfe51a8a045db233418dd73f bsd.img

---layout---------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Device  Boot  Start  End    Sectors  Size Id  Type
<removed> 1  2048  4095  2048  1M  83 Linux
<removed> 2  4096 20479  16384  8M  a5 FreeBSD
Create default BSD
2e1cee529cb59c9341afe0443f196a1 bsd.img

---layout--------

Welcome to fdisk <removed>
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed> 2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: bsd

Slice Start   End Sectors  Size Type     Fsize Bsize Cpg
 c    4096   20479   16384    8M unused       0     0   0
 d     0   16064   16065  7.9M unused       0     0   0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):
----------------------

b5c121c2091b2ff26b880551feac7112 bsd.img

---layout--------

Welcome to fdisk <removed>
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed> 2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: bsd
Slice Start   End Sectors  Size Type     Fsize Bsize Cpg
a  4096  6144    2049    1M 4.2BSD       0     0   0
c  4096 20479   16384    8M unused       0     0   0
d 0 16064  16065  7.9M unused       0     0   0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help):

0 unused      5  4.1BSD    9  4.4LFS   d boot
1 swap        6 Eighth Edition a unknown e ADOS
2 Version 6   7  4.2BSD    b HPFS     f HFS
3 Version 7   8 MS-DOS    c ISO-9660 10 AdvFS
4 System V

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d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

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Linus Torvalds

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

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lib/kdb/iprop.x
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cmd/krb5/iprop/iprop_hdr.h
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```
cmd/krb5/kadmin/server/ipropd_svc.c
```
```
cmd/krb5/kproplog/kproplog.c
```
```
cmd/krb5/slave/kpropd_rpc.c
```
```
lib/gss_mechs/mech_krb5/et/kdb5_err.c
```
```
lib/gss_mechs/mech_spnego/mec/h/gssapiP_spnego.h
```
```
lib/gss_mechs/mech_spnego/mec/h/spnego_mech.c
```
```
lib/krb5/kadm5/kadm_host_srv_names.c
```
```
lib/krb5/kdb/kdb_convert.c
```
```
lib/krb5/kdb/kdb_hdr.h
```
```
lib/krb5/kdb/kdb_log.c
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lib/krb5/kdb/kdb_log.h
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lib/libgss/g_accept_sec_context.c
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lib/libgss/g_acquire_cred.c
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lib/libgss/g_canon_name.c
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lib/libgss/g_compare_name.c
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lib/libgss/g_context_time.c
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lib/libgss/g_delete_sec_context.c
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lib/libgss/g_dsp_name.c
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lib/libgss/g_dsp_status.c
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lib/libgss/g_dup_name.c
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lib/libgss/g_exp_sec_context.c
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lib/libgss/g_export_name.c
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lib/libgss/g_glu.c
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lib/libgss/g_imp_name.c
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lib/libgss/g_rel_oid_set.c
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1.352 py-idna 2.8-r1
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* /opt/cola/permits/1001809139_1607515841.8/0/idna-2-8-1-tar-gz/idna-2.8/LICENSE.rst

No license file was found, but licenses were detected in source scan.

---

A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA 2008, can generate materially different results to the previous standard. The library can act as a drop-in replacement for the "encodings.idna" module.

---
import io, sys
from setuptools import setup

def main():

    python_version = sys.version_info[:2]
    if python_version < (2,7):
        raise SystemExit("Sorry, Python 2.7 or newer required")

    package_data = {}
    exec(open('idna/package_data.py').read(), package_data)

    arguments = {
        'name': 'idna',
        'packages': ['idna'],
        'version': package_data['__version__'],
        'description': 'Internationalized Domain Names in Applications (IDNA)',
        'long_description': io.open("README.rst", encoding="UTF-8").read(),
        'author': 'Kim Davies',
        'author_email': 'kim@cynosure.com.au',
        'license': 'BSD-like',
        'url': 'https://github.com/kjd/idna',
        'classifiers': [
            'Development Status :: 5 - Production/Stable',
            'Intended Audience :: Developers',
            'Intended Audience :: System Administrators',
            'License :: OSI Approved :: BSD License',
            'Operating System :: OS Independent',
            'Programming Language :: Python',
            'Programming Language :: Python :: 2',
            'Programming Language :: Python :: 2.7',
            'Programming Language :: Python :: 3',
            'Programming Language :: Python :: 3.4',
            'Programming Language :: Python :: 3.5',
            'Programming Language :: Python :: 3.6',
            'Topic :: Internet :: Name Service (DNS)',
            'Topic :: Software Development :: Libraries :: Python Modules',
            'Topic :: Utilities',
        ],
        'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
        'test_suite': 'tests',
    }

    setup(**arguments)

    if __name__ == '__main__':
        main()
1.353 libsemanage 2.7-2build2

1.353.1 Available under license:

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Version 2.1, February 1999

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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, which became
Zope Corporation. In 2001, the Python Software Foundation (PSF, see
https://www.python.org/psf/) was formed, a non-profit organization
created specifically to own Python-related Intellectual Property.
Zope Corporation was 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
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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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   (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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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
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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.

You must give prominent notice with each copy of the work that the
Library is used in it and that the Library and its use are covered by
this License. You must supply a copy of this License. If the work
during execution displays copyright notices, you must include the
copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License. Also, you must do one
of these things:

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
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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
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e) Verify that the user has already received a copy of these
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Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be 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.

It may happen that this requirement contradicts the license
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distribute.

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TERMS AND CONDITIONS

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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.
A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

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1.377 libffi 3.2.1 8
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* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/base/Joiner.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/io/MultiReader.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/escape/UnicodeEscaper.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/util/concurrent/SequentialExecutor.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/base/Matcher.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/primitives/Floats.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/net/PercentEscaper.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/primitives/Longs.java
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  jar/com/google/common/collection/Hashing.java
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  jar/com/google/common/collection/SortedMultisets.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/collection/SortedMultiset.java
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* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1.jar/com/google/common/collection/ForwardingListIterator.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1.jar/com/google/common/collection/LinkedListMultimap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1.jar/com/google/common/collection/Multimap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1.jar/com/google/common/collection/ImmutableSet.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1.jar/com/google/common/collection/AbstractIterator.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1.jar/com/google/common/collection/ForwardingMultiset.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1.jar/com/google/common/collection/ClassToInstanceMap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1.jar/com/google/common/collection/Maps.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1.jar/com/google/common/collection/ForwardingSortedSet.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1.jar/com/google/common/collection/ForwardingSet.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1.jar/com/google/common/collection/ForwardingSortedSet.java
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/*
 * This following method is a modified version of one found in
 * http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/test/tck/AbstractExecutorServiceTest.java?revision=1.30
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* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/cache/Striped64.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/hash/Striped64.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/cache/LongAdder.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/hash/LongAdder.java
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* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/base/PatternCompiler.java
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 * http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
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/**
 * Returns an array containing all of the elements in the specified collection. This method
 * returns the elements in the order they are returned by the collection's iterator. The returned
 * array is "safe" in that no references to it are maintained by the collection. The caller is
 * thus free to modify the returned array.
 * 
 * <p>This method assumes that the collection size doesn't change while the method is running.
 * 
 * <p>TODO(kevinb): support concurrently modified collections?
 * 
 * @param c the collection for which to return an array of elements
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/collect/ObjectArrays.java
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  jar/com/google/common/collect/ImmutableMapEntry.java
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  jar/com/google/common/io/MoreFiles.java
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  jar/com/google/common/collect/MultimapBuilder.java

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  jar/com/google/common/util/concurrent/Monitor.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0 GUAVA-28-0-jre-sources-1-
  jar/com/google/common/collect/ContiguousSet.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0 GUAVA-28-0-jre-sources-1-
  jar/com/google/common/collect/package-info.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0 GUAVA-28-0-jre-sources-1-
  jar/com/google/common/base/Ascii.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0 GUAVA-28-0-jre-sources-1-
  jar/com/google/common/primitives/package-info.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0 GUAVA-28-0-jre-sources-1-
  jar/com/google/common/base/Equivalence.java
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  jar/com/google/common/util/concurrent/Atomics.java
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  jar/com/google/common/collect/SortedLists.java
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* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/collection/DenseImmutableTable.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/collection/SparseImmutableTable.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/util/concurrent/Callables.java
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jar/com/google/common/collect/ForwardingImmutableList.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/AbstractMultimap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/ImmutableEnumMap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/AbstractNavigableMap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/TransformedListIterator.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/TreeTraverser.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/TransformedIterator.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/FilteredKeySetMultimap.java
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jar/com/google/common/collect/RangeMap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/ForwardingImmutableMap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/AbstractSortedKeySortedSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/TreeRangeMap.java
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jar/com/google/common/collect/ForwardingDeque.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/ForwardingImmutableMap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/UnmodifiableSortedMultiset.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/ForwardingNavigableMap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/FilteredKeyListMultimap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/CompactLinkedHashSet.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/ForwardingImmutableSet.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/AllEqualOrdering.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/FilteredEntryMultimap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/DescendingImmutableSortedSet.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/util/concurrent/ForwardingBlockingDeque.java
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jar/com/google/common/collect/CompactHashMap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/FilteredEntrySetMultimap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/CompactHashSet.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/RegularImmutableAsList.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/ForwardingNavigableSet.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1.jar/com/google/common/collect/SortedMultisetBridge.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1.jar/com/google/common/collect/CompactLinkedHashMap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1.jar/com/google/common/collect/ForwardingBlockingDeque.java
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jar/com/google/common/io/LineReader.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/eventbus/DeadEvent.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/util/concurrent/ListeningFuture.java
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* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/io/CharStreams.java
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* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/io/LittleEndianDataInputStream.java
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  jar/com/google/common/hash/MacHashFunction.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/util/concurrent/Platform.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/hash/FarmHashFingerprint64.java
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  jar/com/google/common/util/concurrent/InterruptibleTask.java
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* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/base/MoreObjects.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/math/Quantiles.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/eventbus/SubscriberRegistry.java

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  jar/com/google/common/collection/JdkBackedImmutableMap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/collection/JdkBackedImmutableBiMap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
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/**
 * Not supported. <b>You are attempting to create a map that may contain a non-{@code Comparable}
 * key.</b> Proper calls will resolve to the version in {@code ImmutableSortedMap}, not this dummy
 * version.
 *
 * @throws UnsupportedOperationException always
 * @deprecated <b>Pass a key of type {@code Comparable} to use {@link
 *     ImmutableSortedMap#of(Comparable, Object)}. </b>
 */

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* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/collection/ImmutableSortedMapFauxverideShim.java
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* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/eventbus/SubscriberExceptionHandler.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/base/Verify.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/io/CharSequenceReader.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/collect/FilteredMultimapValues.java
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  jar/com/google/common/util/concurrent/ForwardingLock.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/util/concurrent/ForwardingCondition.java
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  jar/com/google/common/common/hash/AbstractHashFunction.java
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  jar/com/google/common/collect/UnmodifiableListIterator.java
jar/com/google/common/collection/AbstractSequentialIterator.java
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jar/com/google/common/collection/MinMaxPriorityQueue.java
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jar/com/google/common/collection/RowSortedTable.java
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jar/com/google/common/collection/SortedMapDifference.java
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### 1.391 fstrm 0.5.0-r0

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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

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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.
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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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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 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.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be 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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<one line to give the library's name and a brief idea of what it does.>
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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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Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
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-- vile: txtmode file-encoding=utf-8
Upstream source https://invisible-island.net/ncurses/ncurses-examples.html

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

Files: *
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Files: aclocal.m4 package
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-- vile: txtmode file-encoding=utf-8

1.398 glib 2.56.4-0ubuntu0.18.04.6

1.398.1 Available under license :

This package was debianized by Akira TAGOH <tagoh@debian.org> on Thu, 7 Mar 2002 01:05:25 +0900.

It was downloaded from <https://download.gnome.org/sources/glib/>.

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1.399 golang-lru 0.5.4

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1.406 libxrender 0.9.9 0ubuntu1
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1.407 sqlite 3.11.0-1ubuntu1.3
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%define name sqlite
%define version SQLITE_VERSION
%define release 1

Name: %{name}
Summary: SQLite is a C library that implements an embeddable SQL database engine
Version: %{version}
Release: %{release}
Source: %{name}-%{version}.tar.gz
Group: System/Libraries
URL: http://www.hwaci.com/sw/sqlite/
License: Public Domain
BuildRoot: %{_tmppath}/%{name}-%{version}-root

%description
SQLite is a C library that implements an embeddable SQL database engine. Programs that link with the SQLite library can have SQL database access without running a separate RDBMS process. The distribution comes with a standalone command-line access program (sqlite) that can be used to administer an SQLite database and which serves as an example of how to use the SQLite library.

** 2006 June 7
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********************************************************************
** This header file defines the SQLite interface for use by
** shared libraries that want to be imported as extensions into
** an SQLite instance. Shared libraries that intend to be loaded
** as extensions by SQLite should #include this file instead of
** sqlite3.h.
**
** @(#) $Id: sqlite3ext.h,v 1.25 2008/10/12 00:27:54 shane Exp $
1.408 cyrus-sasl 2.1.26.dfsg1-14ubuntu0.2

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1.409 pixman 0.38.4-r0

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 * Set the {code TCP_MD5SIG} option on the socket. See {code linux/tcp.h} for more details.
 * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
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* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/netty_epoll_native.c
* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/io/netty/channel/epoll/Native.java

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/**
 * Set the {@code TCP_MD5SIG} option on the socket. See {@code linux/tcp.h} for more details.
 * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
 * Allowing them being read would mean anyone with access to the channel could get them.
 */

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* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4.1.49-final-sources-jar/io/netty/channel/epoll/AbstractEpollStreamChannel.java
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* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4.1.49-final-sources-jar/io/netty/channel/epoll/EpollEventArray.java
* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4.1.49-final-sources-jar/io/netty/channel/epoll/AbstractEpollServerChannel.java

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1.424 snappy-java 1.1.7.3

1.425 busybox 1.24.2-r13

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Julian Seward, Cambridge, UK.
jseward@bzip.org
bzip2/libbzip2 version 1.0.4 of 20 December 2006
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75dpi-courB12-IL2.bdf 75dpi-courB14.bdf 75dpi-courB14c.bdf
75dpi-courB14-IL2.bdf 75dpi-courR12.bdf 75dpi-courR12c.bdf
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### 1.431 json-cpp 1.7.4 3

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1.434 krb5-conf 1.0-r1

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lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
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Theodore Ts'o
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Program (independent of having been made by running the Program).
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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.

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That's all there is to it!
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 <tst@mit.edu> and Remy Card <card@masi.ibp.fr>.

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

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Upstream Author: Theodore Ts'o <tytso@mit.edu>

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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
- 
- Copyright (C) Andrew Tridgell 2005
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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 Fri Dec 14 22:24:35 EST 2007

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

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Gadi Oxman, August 1995

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#
# This is a Makefile stub which handles the creation of BSD shared
All 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) $(OBJS))
$(MV) pic/$(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 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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28. [30] Frank Kardel [31]<kardel (at) ntp (dot) org> PARSE <GENERIC> (driver 14 reference clocks), STREAMS modules for PARSE, support scripts, syslog cleanup, dynamic interface handling
29. [32] Johannes Maxmilian Kuehn <kuehn@ntp.org> Rewrote snntp to comply with NTPv4 specification, ntpq saveconfig
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52. [56]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure
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Because of this blurred distinction, using the ordinary General
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concluded that weaker conditions might promote sharing better.

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/* nicstar.c  v0.22  Jawaid Bazyar (bazyar@hypermall.com)
 * nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
 * 
 * Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
 * http://www.hypermall.com/
 * 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
 *    interrupts us (except possibly for removal/insertion of the cable?)
 * 10/4/97 - began heavy inline documentation of the code. Corrected typos
 *    and spelling mistakes.
 * 10/5/97 - added code to handle PHY interrupts, disable PHY on
 *    loss of link, and correctly re-enable PHY when link is
 *    re-established. (put back CFG_PHYIE)
 * 
 * Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
 */
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997

* Linux driver for the IDT77201 NICStar PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
*       combined, allow nicstar_free_rx_skb to be called to
*       recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
* details.

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*
* M. Welsh, 6 July 1996
*
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Version 2, June 1991

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1.449 netty-handler 4.1.49.Final

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* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1.jar/io/netty/handler/ssl/OptionalSslHandler.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1.jar/io/netty/handler/ssl/SniCompletionEvent.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1.jar/io/netty/handler/ssl/SslCompletionEvent.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1.jar/io/netty/handler/ssl/SslCloseCompletionEvent.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1.jar/io/netty/handler/ssl/SslHandshakeCompletionEvent.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1.jar/io/netty/handler/ssl/JdkAlpnSslUtils.java
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* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1.jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java
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* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1.jar/io/netty/handler/ssl/SslClientHelloHandler.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1.jar/io/netty/handler/ssl/ocsp/package-info.java

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* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-jar/io/netty/handler/ssl/ClientAuth.java
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  jar/io/netty/handler/timeout/IdleStateHandler.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-
  jar/io/netty/handler/logging/LogLevel.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-
  jar/io/netty/handler/stream/ChunkedFile.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-
  jar/io/netty/handler/timeout/TimeoutException.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-
  jar/io/netty/handler/timeout/ReadTimeoutHandler.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-
  jar/io/netty/handler/ssl/NotSslRecordException.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-
  jar/io/netty/handler/stream/ChunkedStream.java
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  jar/io/netty/handler/ssl/package-info.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-
  jar/io/netty/handler/stream/ChunkedWriteHandler.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-
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  jar/io/netty/handler/timeout/package-info.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-
  jar/io/netty/handler/stream/ChunkedNioStream.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-
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1.466 python-defaults 2.7.12-1~16.04

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

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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...
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If distribution of object code is made by offering access to copy
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1.490 musl 1.1.24-r0

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1.491 rtmpdump 2.4+20151223.gitfa8646d.1 1

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Version 1.0

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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
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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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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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/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
* 
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
* 
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
* 
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
* 
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
* 
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
* combined, allow nicstar_free_rx_skb to be called to
* recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
* details.
* 
*
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*
* M. Welsh, 6 July 1996
*
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1.500 cdebconf 0.198ubuntu1

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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.

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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"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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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
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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.

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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 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
You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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.)

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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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the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.


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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a) Convey the object code in, or embodied in, a physical product
b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

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@c End:

1.505 json-simple 1.1.1

1.506 fsnotify 1.4.7

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1.507 jackson-databind 2.10.0.pr3

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1.508 okio 1.13.0

1.509 protobuf-java-util 3.5.1

1.510 jq 1.0

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1.511 glib 2.56.4-0ubuntu0.18.04.6

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Initialize empty image
f1c9645dbc14efddc7d8a322685f26eb bsd.img
Create new DOS partition table
57e721e38d12d66c2df055067c18f2cf9 bsd.img

---layout--------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout--------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Device  Boot Start  End Sectors Size Id Type
<removed>1   2048  4095   2048 1M 83 Linux

Create 2st primary partition
1beb87248e05d6e4e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8dff51a88a045db233418dd73fbe bsd.img

---layout--------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Device  Boot Start  End Sectors Size Id Type
<removed>1   2048  4095   2048 1M 83 Linux
<removed>2  4096 20479  16384  8M a5 FreeBSD

Create default BSD
2e1cee529cb59c9341afe0443f196a1 bsd.img

---layout--------

Welcome to fdisk <removed>.
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.
Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: bsd

Slice Start   End Sectors  Size Type     Fsize Bsize Cpg
c  4096 20479   16384    8M unused   0   0   0
d  0   16064  16065   7.9M unused   0   0   0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):
-------------------

Welcome to fdisk <removed>.
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: bsd

Slice Start   End Sectors  Size Type     Fsize Bsize Cpg
a  4096 6144    2049   1M  4.2BSD   0   0   0
c  4096 20479   16384    8M unused   0   0   0
d  0   16064  16065   7.9M unused   0   0   0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):
-------------------
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help):

| 0 | unused | 5 | 4.1BSD | 9 | 4.4LFS | d | boot |
| 1 | swap   | 6 | Eighth Edition | a | unknown | e | ADOS |
| 2 | Version 6 | 7 | 4.2BSD | b | HPFS | f | HFS |
| 3 | Version 7 | 8 | MS-DOS | c | ISO-9660 | 10 | AdvFS |
| 4 | System V |

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1.513 openjdk 1.8.0u66
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</tr>
</tbody>
</table>
Ext headers       GL/glext.h       Khronos
             GL/glxext.h       Khronos
             GL/wglext.h       Khronos
             KHR/khrplatform.h       Khronos

*****************************************************************************
----
include/GL/gl.h :

Mesa 3-D graphics library

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-- $Id: COPYING,v 1.9 2020/02/08 13:34:12 tom Exp $
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1.515 python-stdlib-extensions 2.7.17-1~18.04
1.515.1 Available under license :
   No license file was found, but licenses were detected in source scan.

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   Found in path(s):
   * /opt/ws_local/PERMITS_SQL/1078671912_1597401471.67/0/python-stdlib-extensions-2.7.17-orig-tar-xz/python-stdlib-extensions-2.7.17/2.7/Modules/_tkinter.c

1.516 opentracing-noop 0.31.0
1.517 util-linux 2.31.1-0.4ubuntu3.7

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1.523 aop-alliance 2.5.0

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1.525 zlib 1.2.11 r0

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1.527 libio-html-perl 1.001-1

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<signature of Ty Coon>, 1 April 1989
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1.539 python-setuptools 20.7.0-1

1.540 p11-kit 0.23.16.1-r0

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1.541 usbutils 007-4build1

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1.542 pkg-config 0.29.1 0ubuntu2

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* /opt/ws_local/PERMITS_SQL/1068232313_1594323914.29/0/netty-transport-4-1-49-final-sources-1-jar/io/netty/channel/nio/NioEventLoop.java
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* /opt/ws_local/PERMITS_SQL/1068232313_1594323914.29/0/netty-transport-4-1-49-final-sources-1-jar/io/netty/channel/group/package-info.java
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* /opt/ws_local/PERMITS_SQL/1068232313_1594323914.29/0/netty-transport-4-1-49-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1068232313_1594323914.29/0/netty-transport-4-1-49-final-sources-1-jar/io/netty/channel/socket/ChannelOutputShutdownException.java
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*/
/**
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its { @link ChannelPipeline}.
*
* { @link ChannelHandler} itself does not provide many methods, but you usually have to implement one of its
subtypes:
* <ul>
* <li> { @link ChannelInboundHandler} to handle inbound I/O events, and</li>
* <li> { @link ChannelOutboundHandler} to handle outbound I/O operations.</li>
* </ul>
* </p>
* <p>
* Alternatively, the following adapter classes are provided for your convenience:
* <ul>
* <li> { @link ChannelInboundHandlerAdapter} to handle inbound I/O events,</li>
* <li> { @link ChannelOutboundHandlerAdapter} to handle outbound I/O operations, and</li>
* <li> { @link ChannelDuplexHandler} to handle both inbound and outbound events</li>
* </ul>
* </p>
* <p>
* For more information, please refer to the documentation of each subtype.
* </p>
*
* <h3>The context object</h3>
*
* A { @link ChannelHandler} is provided with a { @link ChannelHandlerContext}
* object. A { @link ChannelHandler} is supposed to interact with the
* { @link ChannelPipeline} it belongs to via a context object. Using the
* context object, the { @link ChannelHandler} can pass events upstream or
* downstream, modify the pipeline dynamically, or store the information
* (using { @link AttributeKey} s) which is specific to the handler.
*
* <h3>State management</h3>
*
* A { @link ChannelHandler} often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* public interface Message {
  // your methods here
 * }

* public class DataServerHandler extends SimpleChannelInboundHandler<Message> {
  *
  * private boolean loggedIn;
  *
  * { @code @Override }
  * public void channelRead0(ChannelHandlerContext ctx, Message message) {
  *   if (message instanceof LoginMessage) {
  *     authenticate((LoginMessage) message);
  *     loggedIn = true;
  *   } else (message instanceof GetDataMessage) {
  *     if (loggedIn) {
  *       ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
  *     } else {
  *       fail();
  *     }
  *   }
  *   ... 
  * }
  * }
  *
  * </pre>

* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where a unauthenticated client can get
* the confidential information:
* <pre>
* // Create a new handler instance per channel.
* // See ChannelInitializer#initChannel(Channel).
* public class DataServerInitializer extends ChannelInitializer<Channel> {
  * { @code @Override }
  * public void initChannel(Channel channel) {
  *   channel.pipeline().addLast("handler", new DataServerHandler());
  * }
  *
  * }
  *
  * </pre>

* <h4>Using AttributeKeys</h4>

* Although it’s recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use AttributeKeys which is provided by
* [{ @link ChannelHandlerContext}]:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* { @code @Sharable }
* public class DataServerHandler extends { @link SimpleChannelInboundHandler} {super;}{
*     private final { @link AttributeKey} { @link Boolean} auth =
*         { @link AttributeKey#valueOf(String) AttributeKey.valueOf("auth");
* }
*
* { @code @Override}
*     public void channelRead({ @link ChannelHandlerContext} ctx, Message message) {
*         { @link Attribute} { @link Boolean} attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             <b>attr.set(true)</b>;
*         } else (message instanceof GetDataMessage) {
*             if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*             } else {
*                 fail();
*             }
*         }
*     }
*     ...
* }
* </pre>
* Now that the state of the handler is attached to the { @link ChannelHandlerContext}, you can add the
* same handler instance to different pipelines:
* { pre }
* public class DataServerInitializer extends { @link ChannelInitializer} {super;}{
*     private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
*     { @code @Override}
*     public void initChannel({ @link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>SHARED</b>);
*     }
* </pre>
* { h4>The { @code @Sharable} annotation</h4>
* { p}
* In the example above which used an { @link AttributeKey},
* you might have noticed the { @code @Sharable} annotation.
* { p}
* If a { @link ChannelHandler} is annotated with the { @code @Sharable}
* annotation, it means you can create an instance of the handler just once and
* add it to one or more `@link ChannelPipeline`s multiple times without
* a race condition.
* `<p>`
* If this annotation is not specified, you have to create a new handler
* instance every time you add it to a pipeline because it has unshared state
* such as member variables.
* `<p>`
* This annotation is provided for documentation purpose, just like
* `<a href="http://www.javaconcurrencyinpractice.com/annotations/doc/">the JCIP annotations</a>`,
* `<h3>` Additional resources worth reading `/h3`
* `<p>`
* Please refer to the `@link ChannelHandler`, and
* `@link ChannelPipeline` to find out more about inbound and outbound operations,
* what fundamental differences they have, how they flow in a pipeline, and how to handle
* the operation in your application.
*/

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* `/opt/ws_local/PERMITS_SQL/1068232313_1594323914.29/0/netty-transport-4-1-49-final-sources-1.jar/io/netty/channel/ExtendedClosedChannelException.java`
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org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util
org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.557 initramfs-tools 0.130ubuntu3.11
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1.564 lvm2 2.02.176-4.1ubuntu3.18.04.3
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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
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```
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<signature of Ty Coon>, 1 April 1989
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Version 3, 29 June 2007

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1.576 python 2.7.18-r0

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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, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was 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
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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 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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"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.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

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.

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

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. 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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Ty Coon, President of Vice

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1.585 libtasn 4.14-r0

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1.598 shim 15+1552672080.a4a1fbe-0ubuntu2

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1.600 python-stdlib-extensions 3.6.9-1~18.04

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Python was created in the early 1990s by Guido van Rossum at Stichting
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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 (see http://www.digicool.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. Digital Creations is a sponsoring member of the PSF.

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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 3a0982da308228d796df35f98d787c5c1f2bb5b6.

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>
<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="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>
</xsl:stylesheet>
1.602 libevent 2.1.10-r0

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pbzip2@compression.ca
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1.605 annotations 12.0

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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/u1.c: The format_paragraph and format_text functions were
derived form the ones in the Monotone project, revision
3a0982da308228d796df35f98d787c5cff2bb5b6.

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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  * Added generation of field number constants.
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Will Pierce <willp@nuclei.com>
  * Small patch improving performance of in Python serialization.
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  * HPUX support.
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  * Detect whether zlib is new enough in configure script.
  * Fixes for Solaris 10 32/64-bit confusion.
Evan Jones <evanj@mit.edu>
  * Optimize Java serialization code when writing a small message to a stream.
  * Optimize Java serialization of strings so that UTF-8 encoding happens only
    once per string per serialization call.
  * Clean up some Java warnings.
  * Fix bug with permanent callbacks that delete themselves when run.
Michael Kucharski <m.kucharski@gmail.com>
  * Added CodedInputStream.getTotalBytesRead().
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  * Fixed detection of sched_yield on Solaris.
  * Added atomicops for Solaris
Andrew Paprocki <andrew@ishiboo.com>
  * Fixed minor IBM xIC compiler build issues
  * Added atomicops for AIX (POWER)

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1.623 pytho-defaults 3.6.7-1~18.04

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This is the Debian GNU/Linux prepackaged version of the Python programming
language. Python was written by Guido van Rossum <guido@cwi.nl> and others.

This package was put together by Klee Dienes <klee@debian.org> from
sources from ftp.python.org:/pub/python, based on the Debianization by
the previous maintainers Bernd S. Brentrup <bsb@uni-muenster.de> and
Bruce Perens.

Current maintainer is Matthias Klose <doko@debian.org> until the final
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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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Version 3, 29 June 2007

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1.627 grub 2.02-2ubuntu8.15

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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 commercially by FasterXML.com.

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Found in path(s):

* /opt/ws_local/PERMITS_SQL/1070965854_1594813870.89/0/reactor-netty-0-9-7-release-sources-jar/reactor/netty/udp/UdpClientBootstrap.java
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Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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OW2
The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

-----
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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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Mortbay

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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1.646 python 3.7.7-r1

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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, which became 
Zope Corporation. In 2001, the Python Software Foundation (PSF, see 
https://www.python.org/psf/) was formed, a non-profit organization 
created specifically to own Python-related Intellectual Property. 
Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for 
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releases have also been GPL-compatible; the table below summarizes 
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1.647 alpine-keys 2.2-r0

1.648 libseccomp 2.2.3-3ubuntu3

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*******************

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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see https://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 https://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
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Mersenne Twister
-----------------

The `mod:`_random` module includes code based on a download from http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html. The following are the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using init_genrand(seed)
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http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html 
email: m-mat @ math.sci.hiroshima-u.ac.jp (remove space)

Sockets
-------

The `mod:` socket` module uses the functions, `func:` getaddrinfo`, and 
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UUencode and UUdecode functions
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Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

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-----------------------------
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Select kqueue
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---------

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Original location:
https://github.com/majek/csiphash/

Solution inspired by code from:
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Jean-Philippe Aumasson (https://131002.net/siphash/siphash24.c)

strtod and dtoa

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

The file :file:`Python/dtoa.c`, which supplies C functions dtoa and strtod for conversion of C doubles to and from strings, is derived from the file of the same name by David M. Gay, currently available from http://www.netlib.org/fp/. The original file, as retrieved on March 16, 2009, contains the following copyright and licensing notice::

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cfuhash

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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, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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1.658 unzip 6.0 21ubuntu1

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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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* 
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Regarding the first stipulation, Mr. Smith was tracked down in southern California some years back [Samuel H. Smith, The Tool Shop; as of mid-May 1994, (213) 851-9969 (voice), (213) 887-2127(?) (subscription BBS), 71150.2731@compuserve.com]:

"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."

Despite the fact that our "normal" code has been entirely rewritten and by default no longer contains any of Mr. Smith's code, Info-ZIP remains indebted and grateful to him. We hope he finds our contributions as useful as we have his.

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The remaining code was written by many people associated with the Info-ZIP group, with large contributions from (but not limited to): Greg Roelofs (overall program logic, ZipInfo, unshrink, filename mapping/portability, etc.), Mark Adler (inflate, explode, funzip), Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows DLLs), Christian Spieler (overall logic, optimization, VMS, etc.) and others. See the file CONTRIBS in the source distribution for a much more complete list of contributors.

The decompression core code for the deflate method (inflate.[ch],
explode.c) was originally written by Mark Adler who submitted it as public domain code.

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

1.659 kafka-clients 2.3.0

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Zstd-jni: JNI bindings to Zstd Library

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1.660 wget 1.20.3 r0

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1.661 libfastjson 0.99.8-2

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1.662 base-files 10.1ubuntu2.10

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1.663 libtls-standalone 2.9.1-r0

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6. If I have improvements for Bitstream Vera, is it possible they might get adopted in future versions?

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1.667 ncurses 6.1-1ubuntu1.18.04

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-- $Id: COPYING,v 1.6 2018/01/01 12:00:00 tom Exp $
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-- vile: txtmode file-encoding=utf-8
Upstream source https://invisible-island.net/ncurses/ncurses-examples.html

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

-------------------------------------------------------------------------------
Files: *
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Files: aclocal.m4 package
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-------------------------------------------------------------------------------
Files: install-sh
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-- vile: txtmode file-encoding=utf-8
Upstream source https://invisible-island.net/ncurses/ncurses.html
This package is used for testing builds of ncurses.

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

Files: *
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Files: aclocal.m4 package
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Files: doc/html/NCURSES-Programming-HOWTO.html
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-- vile: txtmode file-encoding=utf-8

1.668 util-linux 2.23.2-65.el7

1.668.1 Available under license :

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Version 2.1, February 1999

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* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api
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Oracle OpenJDK

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* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
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org.ow2.asm:asm-commons
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org.apache.taglibs:taglibs-standard-spec
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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util
org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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* Bob Schlaermann
  Dynamic chip feature detection (a.k.a. generic chip support) in
  libsensors and sensors.
* Mark M. Hoffman
  Many improvements to the libsensors configuration file scanner.
* Jean Delvare
  New libsensors API, and migration of sensors and sensord thereto.
  Many optimizations in libsensors and sensors.
  Configuration file converter.
  Rewrite of sensors-detect.
  Support for multiple configuration files in libsensors.

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1.691 libpsl 0.19.1-5build1
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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.)

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1.697 pcre 8.39 3
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THE BASIC LIBRARY FUNCTIONS
-----------------------------

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1.700 strace 4.26-r0

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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
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1.702 cdebconf 0.213ubuntu1

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1.706 openssl 1.1.1d

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bzip2/libbzip2 version 1.0.8 of 13 July 2019

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

1.709 bash 5.0.7

1.710 bc 1.07.1-2
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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.

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<table>
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1.715 tcp-wrappers 7.6.q-25

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1.716 libencode-locale-perl 1.05-1

1.717 iucode-tool 2.3.1 1

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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
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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

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.

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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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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.

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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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(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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If distribution of object code is made by offering access to copy
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1.724 open-ldap 2.4.44-22.el7

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## -*-makefile-*-.

## 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) $@
## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbicilc

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

## End BSD-specific setup

### 1.731 apparmor 2.10.95-0ubuntu2.10

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Upstream-Name: AppArmor
Upstream-Contact: apparmor@lists.ubuntu.com
Source: https://launchpad.net/apparmor

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Files: changehat/pam_apparmor/*
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1.741 linux-meta-hwe 5.4.0.52.57~18.04.46

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The sources may be found at most Linux ftp sites, including ftp://ftp.kernel.org/pub/linux/kernel/

This package was then maintained by Sven Rudolph.

This package was maintained by Herbert Xu <herbert@gondor.apana.org.au> from March 1997 to May 2004.

This package was maintained by the Debian Kernel Team <debian-kernel@lists.debian.org>

This package was split off by Herbert Xu <herbert@gondor.apana.org.au> in September 2004.

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1.742 libnl3 3.2.29 0ubuntu3

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1.743 libgcrypt 1.6.5 2ubuntu0.5

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Assigns past and future changes.
Assignment for future changes terminated on 2012-12-04.
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GNUPG Matthew Skala 1998-08-10
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Disclaims changes by Matthew Skala.

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

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g10/free-packet.c, g10/mdfilter.c, g10/plaintext.c, util/iobuf.c)
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ANY g10 Code GmbH  2001-06-07
Assignment for future changes terminated on 2012-12-04.
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GNUTLS Nikolaos Mavrogiannopoulos 2003-11-22
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Original code for cipher/rfc2268.c.

LIBGCRYPT The Written Word2005-04-15
Assigns past and future changes. (new: src/libgcrypt.pc.in,
src/Makefile.am, src/secmem.c, mpi/hppa1.1/mpih-mul3.S,
mpi/hppa1.1/udiv-qrnn.S, mpi/hppa1.1/mpih-mul2.S,
mpi/hppa1.1/mpih-mul1.S, mpi/Makefile.am, tests/prime.c,
tests/register.c, tests/ac.c, tests/basic.c, tests/tsexp.c,
tests/keygen.c, tests/pubkey.c, configure.ac, acinclude.m4)

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Assigns Past and Future Changes
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(Added OFB mode. Changed cipher/cipher.c, test/basic.c doc/gcrypt.tex.
added SHA-224, changed cipher/sha256.c, added HMAC tests.)

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LIBGCRYPT    Vladimir Serbinenko  2012-04-26
Assigns Past and Future Changes
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(cipher/serpent.c)

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The ECC code cipher/ecc.c was based on code by Sergi Blanch i Torne, sergi at calcurco dot org.

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**1.744 berkeley-db 5.3.28 13.1ubuntu1.1**

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1.746 json-c 0.12.1-1.3ubuntu0.3

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1.747 gnupg 2.0.22 5.el7_5

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Version 3.1, 31 March 2009

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@heading TERMS AND CONDITIONS

@enumerate 0
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A "Standard Interface" means an interface that either is an official
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interfaces specified for a particular programming language, one that
is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other
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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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1.756 py-certifi 2019.6.16-r0

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Certificate data from Mozilla as of: Thu Nov  3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:
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@(#) $RCSfile: certdata.txt,v $ $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

1.757 gmp 6.1.2+dfsg 2

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1.759 nettle 3.3 1+b2

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1.763 base-passwd 3.5.39

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This package was put together by Klee Dienes <klee@debian.org> from
sources from ftp.python.org:/pub/python, based on the Debianization by
the previous maintainers Bernd S. Brentrup <bsb@uni-muenster.de> and
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Current maintainer is Matthias Klose <doko@debian.org> until the final
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--------------------------------------------------------------

A. HISTORY OF THE SOFTWARE
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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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jar/io/netty/handler/codec/http/cors/CorsHandler.java
* /opt/ws_local/PERMITS_SQL/1068497222_1594393092.07/0/netty-codec-http-4-1-49-final-sources-1-
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  * org.eclipse.jetty.orbit:javax.mail.glassfish
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* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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* java.sun.security.ssl

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http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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org.eclipse.jetty.toolchain:jetty-schemas

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

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You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:
Gnomovision version 69, Copyright (C) 19yy name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate
parts of the General Public License. Of course, the commands you use may
be called something other than `show w' and `show c'; they could even be
mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library. If this is what you want to do, use the GNU Library General
Public License instead of this License.

1.794 iso-codes 3.79 1
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Version 2.1, February 1999

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as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

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freedom to share and change it. By contrast, the GNU General Public
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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.

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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.
Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

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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0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

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").

"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.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.
2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

   a) The modified work must itself be a software library.

   b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

   c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

   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.

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.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

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.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be 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.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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Preamble

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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.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

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b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

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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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Version 3, 29 June 2007

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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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<td>mach_override</td>
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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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**Version 2, June 1991**

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<signature of Ty Coon>, 1 April 1989
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1.797 rename 0.20-7

1.797.1 Available under license :
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File-Rename version 0.20
========================

File::Rename provides an implementation of Larry Wall's eg/rename command. All I have done is add some error checking and (more recently) add the File/Rename.pm module.

An earlier version of the script is out in the Internet and is included with some linuxes, and the original eg/rename is not included in the Perl distribution, so I have put this up on CPAN.

A revised version of the earlier script is now on the Internet, which includes more options. This script, distinguished by "Getopt:Long::Configure('bundling')", was not written by me; I think the author is Aristotle Pagaltzis. Version 0.10 of this distribution has similar options to the revised script.

For Windows, the script is called file-rename to avoid clashes with existing rename command.

INSTALLATION

To install this module type the following:
perl Makefile.PL
make
make test
make install

or if you have Module::Build

perl Build.PL
perl Build
perl Build test
perl Build install

DEPENDENCIES

This module requires these other modules and libraries:
File::Basename File::Path File::Spec Getopt::Long
(all included with Perl).

Testing requires File::Temp and Test::More which are
available with perl 5.6.0. I have successfully installed
those modules for perl 5.005_05 and tested this module.

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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1078671992_1597401694.59/0/rename-0-20-orig-1-tar-gz/File-Rename-
0.20/README
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=head1 NAME

File::Rename - Perl extension for renaming multiple files

=head1 SYNOPSIS

use File::Rename qw(rename);# hide CORE::rename
rename @ARGV, sub { s\A.pl\z.pm\ }; 1;

use File::Rename;
File::Rename::rename @ARGV, '$_ = lc';
=head1 DESCRIPTION

=over 4

=item C<rename( FILES, CODE [, VERBOSE])>

rename FILES using CODE,
if FILES is empty read list of files from stdin

=item C<rename_files( CODE, VERBOSE, FILES)>

rename FILES using CODE

=item C<rename_list( CODE, VERBOSE, HANDLE [, FILENAME])>

rename a list of file read from HANDLE, using CODE

=back

=head2 OPTIONS

=over 8

=item FILES

List of files to be renamed,
for C<rename> must be an array

=item CODE

Subroutine to change file names,
for C<rename> can be a string,
otherside a code reference

=item VERBOSE

Flag for printing names of files successfully renamed,
optional for C<rename>

=item HANDLE

Filehandle to read file names to be renames

=item FILENAME (Optional)

Name of file that HANDLE reads from

=back
Either CODE or VERBOSE can be a HASH of options.

If CODE is a HASH, VERBOSE is ignored and CODE is supplied by the B<_code> key.

Other options are

over 16

item B<verbose>

As VERBOSE above, provided by B<-v>.

item B<no_action>

Print names of files to be renamed, but do not rename (i.e. take no action), provided by B<-n>.

item B<over_write>

Allow files to be over-written by the renaming, provided by B<-f>.

item B<show_help>

Print help, provided by B<-h>.

item B<show_manual>

Print manual page, provided by B<-m>.

item B<show_version>

Print version number, provided by B<-V>.

back

EXPORT

None by default.

ENVIRONMENT

No environment variables are used.

SEE ALSO
mv(1), perl(1), rename(1)

=head1 AUTHOR

Robin Barker <RMBarker@cpan.org>

=head1 Acknowledgements

Based on code from Larry Wall.

Options B<-e>, B<-f>, B<-n> suggested
by more recent code written by Aristotle Pagaltzis.

=head1 DIAGNOSTICS

Errors from the code argument are not trapped.

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=cut

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---
abstract: 'Perl extension for renaming multiple files'
author:
- 'Robin Barker <RMBarker@cpan.org>'
built_requires:
  File::Temp: 0
  Test::More: 0
configure_requires:
  Module::Build: 0.38
dynamic_config: 1
generated_by: 'Module::Build version 0.4005, CPAN::Meta::Converter version 2.112621'
license: perl
meta-spec:
  url: http://module-build.sourceforge.net/META-spec-v1.4.html
  version: 1.4
name: File-Rename
provides:
  File::Rename:
    file: lib/File/Rename.pm
    version: 0.20
  File::Rename::Options:
    file: lib/File/Rename.pm
    version: 0
recommends:
  File::Spec: 0.82
  Getopt::Long: 2.24
  Test::Pod: 0
  Test::Pod::Coverage: 0
requires:
  Getopt::Long: 0
  perl: 5
resources:
  license: http://dev.perl.org/licenses/
  version: 0.20

Found in path(s):
  */opt/ws_local/PERMITS_SQL/1078671992_1597401694.59/0/rename-0-20-orig-1-tar-gz/File-Rename-0.20/META.yml

1.798 zlib 1.2.3
1.798.1 Available under license:

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

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1.799 gnutls 3.4.10-4ubuntu1.7
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Version 2.1, February 1999

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1.801 util-linux 2.29.2-1+deb9u1

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++++++++++++++++

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 m6800[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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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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Protocol Buffers for Go with Gadgets

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http://github.com/gogo/protobuf

Go support for Protocol Buffers - Google's data interchange format

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Go support for Protocol Buffers - Google's data interchange format

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1.810 libhttp-date-perl 6.02-1

1.811 gzip 1.6 5+b1

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1.826 log4j-api 2.11.2

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1.829 lua-cjson 2.1.0

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lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
and the initial implementation of incremental propagation, including the following new or changed files:

```
include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c
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import sys
import re

def warn(fname, ln, msg):
    print '%s: %d: %s' % (fname, ln + 1, msg)

def indicates_license(line):
    return 'Copyright' in line or 'COPYRIGHT' in line or 'License' in line

# Check a comment for boilerplate violations. Return true if the comment
# is a license statement.
def check_comment(comment, fname, ln, code_seen, nonlicense_seen):
    text_seen = False
    is_license = False
    for line in comment:
        if not is_license and indicates_license(line):
            is_license = True
        if text_seen:
            warn(fname, ln, 'License begins after first line of comment')
        elif code_seen:
            warn(fname, ln, 'License after code')
        elif nonlicense_seen:
            warn(fname, ln, 'License after non-license comments')
        break
        # DB2 licenses start with '/**-' and we don't want to change them.
        if line != '' and line != '-':
            text_seen = True
    return is_license

def check_file(lines, fname):
    # Skip emacs mode line if present.
    ln = 0
    if '-*- mode: c;' in lines[ln]:
        ln += 1
    # Check filename comment if present.
    m = re.match(r'(^\*+ (^[^\*]+(.*?[^\*/])\*+/)? \*/', lines[ln])
    if m:
        if m.group(1) != fname:
warn(fname, ln, 'Wrong filename in comment')
ln += 1

# Scan for license statements.
in_comment = False
code_seen = False
nonlicense_seen = False
for line in lines[ln:]:
    # Strip out whitespace and comments contained within a line.
    if not in_comment:
        line = re.sub(r'//.*?\n', '', line)
        line = line.strip()
    if not in_comment and '/*' in line:
        (line, sep, comment_part) = line.partition('/*')
        comment = [comment_part.strip()]
        comment_starts_at = ln
        in_comment = True
    elif in_comment and '*/' not in line:
        comment.append(line.lstrip('*').lstrip())
    elif in_comment:
        (comment_part, sep, line) = line.partition('*/')
        comment.append(comment_part.strip())
    is_license = check_comment(comment, fname, comment_starts_at,
                                code_seen, nonlicense_seen)
    nonlicense_seen = nonlicense_seen or not is_license
    in_comment = False
    if line.strip() != '':
        code_seen = True
    ln += 1

for fname in sys.argv[1:]:
    if fname.startswith('./'):
        fname = fname[2:]
    f = open(fname)
    lines = f.readlines()
    f.close()
    check_file(lines, fname)

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```

```
cmd/kgb5/iprop/iprop_hdr.h
```

```
cmd/kgb5/kadmin/server/ipropd_svc.c
```

```
cmd/kgb5/kproplog/kproplog.c
```

```
cmd/kgb5/kpropd_rpc.c
```

```
lib/gss_mechs/mech_krb5/et/kdb5_err.c
```

```
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
```

```
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
```

```
lib/kgb5/kadm5/kadm_host_svc_names.c
```

```
lib/kgb5/kdb/kdb_convert.c
```

```
lib/kgb5/kdb/kdb_hdr.h
```

```
lib/kgb5/kdb/kdb_log.c
```

```
lib/kgb5/kdb/kdb_log.h
```

```
lib/libgss/g_accept_sec_context.c
```

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lib/libgss/g_acquire_cred.c
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lib/libgss/g_canon_name.c
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lib/libgss/g_compare_name.c
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lib/libgss/g_context_time.c
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lib/libgss/g_dsp_name.c
```

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lib/libgss/g_dup_name.c
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```

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lib/libgss/g_export_name.c
```

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```

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```

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lib/libgss/g_imp_sec_context.c
```

```
lib/libgss/g_init_sec_context.c
```

```
lib/libgss/g_initialize.c
```

```
lib/libgss/g_inquire_context.c
```

```
lib/libgss/g_inquire_cred.c
```

```
lib/libgss/g_inquire_names.c
```

```
lib/libgss/g_process_context.c
```

```
lib/libgss/g_rel_buffer.c
```

```
lib/libgss/g_rel_cred.c
```

```
lib/libgss/g_rel_name.c
```

```
lib/libgss/g_rel_oid_set.c
```

```
lib/libgss/g_seal.c
```

```
lib/libgss/g_sign.c
```

```
lib/libgss/g_store_cred.c
```

```
lib/libgss/g_unseal.c
```

```
lib/libgss/g_userok.c
```

```
lib/libgss/g_utils.c
```

```
lib/libgss/g_verify.c
```
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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in
`/src/lib/gssapi` include the following files:

```c
lib/gssapi/generic/gssapi_err_generic.c
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
```
and the initial implementation of incremental propagation, including the following new or changed files:

- `include/iprop_hdr.h`
- `kadmin/server/ipropd_svc.c`
- `lib/kdb/iprop.x`
- `lib/kdb/kdb_convert.c`
- `lib/kdb/kdb_log.c`
- `lib/krb5/error_tables/kdb5_err.et`
- `kprop/kpropd_rpc.c`
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.. parsed-literal::

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    lib/gssapi/mechglue/g_accept_sec_context.c
    lib/gssapi/mechglue/g_acquire_cred.c
    lib/gssapi/mechglue/g_canon_name.c
    lib/gssapi/mechglue/g_compare_name.c
    lib/gssapi/mechglue/g_context_time.c
    lib/gssapi/mechglue/g_delete_sec_context.c
    lib/gssapi/mechglue/g_dsp_name.c
    lib/gssapi/mechglue/g_dsp_status.c
    lib/gssapi/mechglue/g_dup_name.c
and the initial implementation of incremental propagation, including
the following new or changed files:

.. parsed-literal::

    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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1.843 zlib 1.2.8.dfsg 2ubuntu4.1

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1.844 zstd-jni 1.4.0 1

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Zstd-jni: JNI bindings to Zstd Library

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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 3a0982da308228d796d35f98d787c5cbbfbb6.

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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<!-- Generate ISC copyright comments from Docbook copyright metadata. -->

<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="normalize-space(substring-before($text, '&#10;'))"/>
</xsl:template>

</xsl:stylesheet>
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1.854 libsub-name-perl 0.21-1build1

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    <signature of Ty Coon>, 1 April 1989
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</pre>

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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/(\$\n)\.o\[ :\]\*/\1.o $@ : /g" > $@; \n [ -s $@ ] || rm -f $@

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec "$(GEN_DEPS.cc) $< \n | sed "\'s/(\$\n)\.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) $@

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

## End BSD-specific setup

1.864 metrics-health-checks 4.1.0

1.865 pciutils 3.5.2 1ubuntu1.1

1.865.1 Available under license:
This package was debianized by Remco van de Meent remco@debian.org on Sat, 6 Feb 1999 15:10:15 +0100. Earlier versions were debianized by Christoph Lameter clameter@debian.org on Tue, 27 Jan 1998 20:37:16 -0800 and Joel Klecker jk@espy.org took over the package on Thu, 26 Mar 1998. Blars Blarson, Colin Watson and Christian Perrier contributed to NMUs in 2005 and the package is currently team maintained by Anibal Monsalve Salazar, Matt Taggart and Matthew Wilcox.

The package was downloaded from ftp://ftp.kernel.org/pub/software/utils/pciutils/

Upstream Author: Martin Mares <mj@ucw.cz>

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1.866 automat 0.6.0-1

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1.867 zlib 1.2.5

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

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Jean-loup Gailly        Mark Adler
jloup@gzip.org          madler@alumni.caltech.edu

*/

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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Go support for Protocol Buffers - Google's data interchange format

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package model

import "time"

// A CheckResponse is the internal content of the PublicCheckResponse signed json blob.

// Time `json:"expiration"`

type CheckResponse struct {
    Expiration time.Time `json:"expiration"
    Token string `json:"token"
    MaxEngines int `json:"maxEngines"
    ScanningEnabled bool `json:"scanningEnabled"
    Type string `json:"licenseType""
Tier    string    `json:"tier"

// IssuedLicense represents an issued license
type IssuedLicense struct {
    KeyID    string `json:"key_id"
    PrivateKey    string `json:"private_key"
    Authorization string `json:"authorization"
}

// Valid returns true if the License is syntactically valid, false otherwise
func (l *IssuedLicense) Valid() (bool, string) {
    if l.KeyID == "" {
        return false, "empty key_id"
    }
    if l.PrivateKey == "" {
        return false, "empty private_key"
    }
    if l.Authorization == "" {
        return false, "empty authorization"
    }
    return true, ""
}

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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package engine

import (
    "bytes"
    "encoding/json"
    "strings"
    "testing"
    "time"

    "github.com/docker/cli/cli/command/formatter"
    "github.com/docker/cli/internal/licenseutils"
    "github.com/docker/licensing/model"
    "gotest.tools/v3/assert"
    is "gotest.tools/v3/assert/cmp"
)

func TestSubscriptionContextWrite(t *testing.T) {
    cases := []struct {
        context  formatter.Context
        expected string
    }{
        // Errors
        
        formatter.Context{Format: "{{InvalidFunction}}"},
        `Template parsing error: template: :1: function "InvalidFunction" not defined
         
         
        },
        formatter.Context{Format: "{{nil}}"},
        `Template parsing error: template: :1:2: executing "" at <nil>: nil is not a command
         
         
        },
        // Table format
        
        formatter.Context{Format: NewSubscriptionsFormat("table", false)},
        `NUM   OWNER        PRODUCT ID          EXPIRES                         PRICING COMPONENTS
        1    owner1        productid1          2020-01-01 10:00:00 +0000 UTC   compstring
        2    owner2        productid2          2020-01-01 10:00:00 +0000 UTC   compstring
    }
    //
1: License Name: name1	Quantity: 10 nodes	Expiration date: 2020-01-01
2: License Name: name2	Quantity: 20 nodes	Expiration date: 2020-01-01

OWNER
owner1
owner2

// Raw Format
{
`license: id1
name: name1
owner: owner1
components: compstring

license: id2
name: name2
owner: owner2
components: compstring

`;,
}

// Custom Format
{
formatter.Context{Format: NewSubscriptionsFormat("[[.Owner]]", false)},
`owner1
owner2

raw
expiration, _ := time.Parse(time.RFC822, "01 Jan 20 10:00 UTC")

for _, testcase := range cases {
subscriptions := []licenseutils.LicenseDisplay{
    {
        Num:   1,
        Owner: "owner1",
        Subscription: model.Subscription{
            ID:        "id1",
            Name:      "name1",
            ProductID: "productid1",
            Expires:   &expiration,
            PricingComponents: model.PricingComponents{
                &model.SubscriptionPricingComponent{
                    Name:  "nodes",
                    Value: 10,
                },
            },
            ComponentsString: "compstring",
        },
    },
    {
        Num:   2,
        Owner: "owner2",
        Subscription: model.Subscription{
            ID:        "id2",
            Name:      "name2",
            ProductID: "productid2",
            Expires:   &expiration,
            PricingComponents: model.PricingComponents{
                &model.SubscriptionPricingComponent{
                    Name:  "nodes",
                    Value: 20,
                },
            },
            ComponentsString: "compstring",
        },
    }
}
out := &bytes.Buffer{
    testcase.context.Output = out
    err := SubscriptionsWrite(testcase.context, subscriptions)
    if err != nil {
        assert.Error(t, err, testcase.expected)
    }
}
func TestSubscriptionContextWriteJSON(t *testing.T) {
expiration, _ := time.Parse(time.RFC822, "01 Jan 20 10:00 UTC")
subscriptions := []licenseutils.LicenseDisplay{
{
Num: 1,
Owner: "owner1",
Subscription: model.Subscription{
ID: "id1",
Name: "name1",
ProductID: "productid1",
Expires: &expiration,
PricingComponents: model.PricingComponents{
&model.SubscriptionPricingComponent{
Name: "nodes",
Value: 10,
},
},
ComponentsString: "compstring",
},
{Num: 2,
Owner: "owner2",
Subscription: model.Subscription{
ID: "id2",
Name: "name2",
ProductID: "productid2",
Expires: &expiration,
PricingComponents: model.PricingComponents{
&model.SubscriptionPricingComponent{
Name: "nodes",
Value: 20,
},
},
ComponentsString: "compstring",
},

expectedJSONs := []map[string]interface{}{
{
"Owner": "owner1",
"ComponentsString": "compstring",
}
"Expires": "2020-01-01T10:00:00Z",
"DockerID": "",
"Eusa": nil,
"ID": "id1",
"Start": nil,
"Name": "name1",
"Num": float64(1),
"PricingComponents": []interface{}
map[string]interface{}
"name": "nodes",
"value": float64(10),
},
},
"ProductID": "productid1",
"ProductRatePlan": "",
"ProductRatePlanID": "",
"State": "",
"Summary": "License Name: name1
Quantity: 10 nodes
Expiration date: 2020-01-01",
},
{
"Owner": "owner2",
"ComponentsString": "compstring",
"Expires": "2020-01-01T10:00:00Z",
"DockerID": "",
"Eusa": nil,
"ID": "id2",
"Start": nil,
"Name": "name2",
"Num": float64(2),
"PricingComponents": []interface{}
map[string]interface{}
"name": "nodes",
"value": float64(20),
},
",
"ProductID": "productid2",
"ProductRatePlan": "",
"ProductRatePlanID": "",
"State": "",
"Summary": "License Name: name2
Quantity: 20 nodes
Expiration date: 2020-01-01",
},
}
}
out := &bytes.Buffer{
err := SubscriptionsWrite(formatter.Context{Format: "{{json .}}", Output: out}, subscriptions)
if err != nil {
t.Fatal(err)
}
for i, line := range strings.Split(strings.TrimSpace(out.String()), "\n") {
    var m map[string]interface{}
    if err := json.Unmarshal([]byte(line), &m); err != nil {
        t.Fatal(err)
    }
    assert.Check(t, is.DeepEqual(expectedJSONs[i], m))
}

func TestSubscriptionContextWriteJSONField(t *testing.T) {
    subscriptions := []licenseutils.LicenseDisplay{
        {Num: 1, Owner: "owner1"},
        {Num: 2, Owner: "owner2"},
    }
    out := &bytes.Buffer{}
    if err != nil {
        t.Fatal(err)
    }
    for i, line := range strings.Split(strings.TrimSpace(out.String()), "\n") {
        var s string
        if err := json.Unmarshal([]byte(line), &s); err != nil {
            t.Fatal(err)
        }
        assert.Check(t, is.Equal(subscriptions[i].Owner, s))
    }
}

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```go
package engine

import (
    "time"
    
    "github.com/docker/cli/cli/command/formatter"
    "github.com/docker/cli/internal/licenseutils"
    "github.com/docker/licensing/model"
)

const (
    defaultSubscriptionsTableFormat = "table
        {{.Num}}	{{.Owner}}	{{.ProductID}}	{{.Expires}}	{{.ComponentsString}}"
    defaultSubscriptionsQuietFormat = "{{.Num}}:{{.Summary}}"
    numHeader               = "NUM"
    ownerHeader             = "OWNER"
    licenseNameHeader       = "NAME"
    idHeader                = "ID"
    dockerIDHeader          = "DOCKER ID"
    productIDHeader         = "PRODUCT ID"
    productRatePlanHeader   = "PRODUCT RATE PLAN"
    productRatePlanIDHeader = "PRODUCT RATE PLAN ID"
    startHeader             = "START"
    expiresHeader           = "EXPIRES"
    stateHeader             = "STATE"
    eusaHeader              = "EUSA"
    pricingComponentsHeader = "PRICING COMPONENTS"
)

// NewSubscriptionsFormat returns a Format for rendering using a license Context
func NewSubscriptionsFormat(source string, quiet bool) formatter.Format {
    switch source {
    case formatter.TableFormatKey:
        if quiet {
            return defaultSubscriptionsQuietFormat
        }
        return defaultSubscriptionsTableFormat
    case formatter.RawFormatKey:
        if quiet {
```

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// SubscriptionsWrite writes the context
func SubscriptionsWrite(ctx formatter.Context, subs []licenseutils.LicenseDisplay) error {
    render := func(format func(subContext formatter.SubContext) error) error {
        for _, sub := range subs {
            licenseCtx := &licenseContext{trunc: ctx.Trunc, l: sub}
            if err := format(licenseCtx); err != nil {
                return err
            }
        }
        return nil
    }
    licenseCtx := licenseContext{}
    licenseCtx.Header = map[string]string{
        "Num":               numHeader,
        "Owner":             ownerHeader,
        "Name":              licenseNameHeader,
        "ID":                idHeader,
        "DockerID":          dockerIDHeader,
        "ProductID":         productIDHeader,
        "ProductRatePlan":   productRatePlanHeader,
        "ProductRatePlanID": productRatePlanIDHeader,
        "Start":             startHeader,
        "Expires":           expiresHeader,
        "State":             stateHeader,
        "Eusa":              eusaHeader,
        "ComponentsString":  pricingComponentsHeader,
    }
    return ctx.Write(&licenseCtx, render)
}

type licenseContext struct {
    formatter.HeaderContext
    trunc bool
    l     licenseutils.LicenseDisplay
}

func (c *licenseContext) MarshalJSON() ([]byte, error) {
    return formatter.MarshalJSON(c)
}

func (c *licenseContext) Num() int {
return c.l.Num
}

func (c *licenseContext) Owner() string {
return c.l.Owner
}

func (c *licenseContext) ComponentsString() string {
return c.l.ComponentsString
}

func (c *licenseContext) Summary() string {
return c.l.String()
}

func (c *licenseContext) Name() string {
return c.l.Name
}

func (c *licenseContext) ID() string {
return c.l.ID
}

func (c *licenseContext) DockerID() string {
return c.l.DockerID
}

func (c *licenseContext) ProductID() string {
return c.l.ProductID
}

func (c *licenseContext) ProductRatePlan() string {
return c.l.ProductRatePlan
}

func (c *licenseContext) ProductRatePlanID() string {
return c.l.ProductRatePlanID
}

func (c *licenseContext) Start() *time.Time {
return c.l.Start
}

func (c *licenseContext) Expires() *time.Time {
return c.l.Expires
}

func (c *licenseContext) State() string {
return c.l.State
}

func (c *licenseContext) Eusa() *model.EusaState {
return c.l.Eusa
}

func (c *licenseContext) PricingComponents() []model.SubscriptionPricingComponent {
// Dereference the pricing component pointers in the pricing components
// so it can be rendered properly with the template formatter

var ret []model.SubscriptionPricingComponent
for _, spc := range c.l.PricingComponents {
if spc == nil {
continue
}
ret = append(ret, *spc)
}
return ret
}

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Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

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package licensing

import (  
"context"  
"crypto/hmac"  
"crypto/sha256"  
"encoding/base64"  
"encoding/json"  
"fmt"  
"time"  
)
func (c *client) getLicenseFile(ctx context.Context, subID string) (*model.IssuedLicense, error) {
    url := c.baseURI
    url.Path += fmt.Sprintf(`/api/billing/v4/subscriptions/%s/license-file`, subID)

    license := new(model.IssuedLicense)
    if _, _, err := c.doReq(ctx, "GET", &url, clientlib.RecvJSON(license)); err != nil {
        return nil, err
    }

    return license, nil
}

// Check verifies that the license identified by the given key id is valid. Note that it does not
// interrogate the contents of the license.
func (c *client) check(ctx context.Context, license model.IssuedLicense) (*model.CheckResponse, error) {
    keyID := license.KeyID
    privateKey := license.PrivateKey

    authorization, err := c.getAuthorization(ctx, license)
    if err != nil {
        return nil, err
    }

    // TODO: Mason - replace this parseJWS with a non libtrust lib
    signature, err := libtrust.ParseJWS(authorization)
    if err != nil {
        return nil, errors.Wrapf(err, errors.Fields{
            "key_id": keyID,
        }, "license parse JWS failed")
    }

    keys, err := signature.Verify()
    if err != nil {
        return nil, errors.Wrapf(err, errors.Fields{
            "key_id": keyID,
        }, "license signature verification failed")
    }

    keyCnt := len(keys)
    if keyCnt != 1 {
        err = fmt.Errorf("unexpected number of signing keys (%d)", keyCnt)
key := keys[0]

if !c.recognizedSigningKey(key) {
    return nil, errors.New("unrecognized signing key")
}

payload, err := signature.Payload()
if err != nil {
    return nil, errors.Wrap(err, errors.Fields{
        "key_id": keyID,
    }, "malformed signature payload")
}

checkRes := new(model.CheckResponse)

err = json.Unmarshal(payload, &checkRes)
if err != nil {
    return nil, errors.Wrap(err, errors.Fields{
        "key_id": keyID,
    }, "license payload unmarshal failed")
}

msg := checkRes.Expiration.Format(time.RFC3339)
if err := checkToken(msg, checkRes.Token, privateKey); err != nil {
    return nil, errors.Wrap(err, errors.Fields{
        "key_id": keyID,
    })
}

return checkRes, nil

// recognizedSigningKey returns true if the given key is signed with a recognized signing key, false otherwise
func (c *client) recognizedSigningKey(key libtrust.PublicKey) bool {
    for _, publicKey := range c.publicKeys {
        if key.KeyID() == publicKey.KeyID() {
            return true
        }
    }
    return false
}

// getAuthorization returns the decoded license authorization
func (c *client) getAuthorization(ctx context.Context, license model.IssuedLicense) ([]byte, error) {
    decoded, err := base64.StdEncoding.DecodeString(license.Authorization)
    if err != nil {
        return nil, errors.Wrapf(err, errors.Fields{
            "key_id": license.KeyID,
        }, "decoding license authorization failed")
    }
    return decoded, nil
}

// All of the functions in this file assume that they are receiving a properly
// formatted private key.

// checkToken performs a MAC algorithm (where token is generated by hashing the
// message with the privateKey via GenerateToken) with the purpose of authenticating
// the validity of both the message and the private key of the person who generated
// the token.
func checkToken(message, token, privateKey string) error {
    tokenBytes, err := base64.URLEncoding.DecodeString(token)
    if err != nil {
        return errors.Wrap(err, errors.Fields{
            "token": token,
        })
    }

    generatedToken, err := generateToken(message, privateKey)
    if err != nil {
        return errors.Wrap(err, errors.Fields{
            "token": token,
        })
    }

    generatedBytes, err := base64.URLEncoding.DecodeString(generatedToken)
    if err != nil {
        return errors.Wrap(err, errors.Fields{
            "token": token,
        })
    }

    if !hmac.Equal(tokenBytes, generatedBytes) {
        return errors.Forbidden(errors.Fields{
            "token": token, "invalid token",
        })
    }

    return nil
}

// generateToken generates a hash of the message with the privateKey via the
// sha256 algorithm.
func generateToken(message, privateKey string) (string, error) {
    key, err := base64.URLEncoding.DecodeString(privateKey)
    if err != nil {
        return "", errors.Wrap(err, errors.Fields{
            "msg": message,
        })
    }
    // Perform the MAC algorithm with the generated key.
    // The result is the generated token.
    token.Write([]byte(message))
    generatedToken := base64.URLEncoding.EncodeToString(token.Sum(nil))
    return generatedToken, nil
}
h := hmac.New(sha256.New, key)
h.Write([]byte(message))
return base64.URLEncoding.EncodeToString(h.Sum(nil)), nil
}

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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 3a0982da308228d796df35f98d787c5ccf2bb5b6.

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>

===========================================================================
vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2
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<!- $Id$ -->

<!- Generate ISC copyright comments from Docbook copyright metadata. -->

<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="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">
        Copyright (C) </xsl:for-each>
      </xsl:with-param>
  </xsl:call-template>
</xsl:variable>

<xsl:variable name="isc.copyright.text">
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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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* java.sun.security.ssl

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http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util
org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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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
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@group
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@end group
@end example

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@c ispell-local-pdict: "ispell-dict"
@c End:
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"http://www.w3.org/TR/html4/loose.dtd">
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In the appendix, we print the indices and references.
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### Jump to:

- **A**: another fun
- **C**: copy this document
- **F**: index entry
- **P**: public domain
- **T**: title page footnote
- **T**: title page index

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<meta name="Generator" content="texi2any"/>
In the appendix, we print the indices and references.

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Titlepage footnote anchor for reference on the titlepage.
use vars qw(%result_texis %result_texts %result_trees %result_errors
%result_indices %result_sectioning %result_nodes %result_menus
%result_floats %result_converted %result_converted_errors
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use utf8;

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                    text => '',
                    type => 'empty_line'
                }
            ]
        }
    ]
};

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$result_errors[\'copying\_not\_closed\'] = [ 
    
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    ,
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      div.smalllisp {margin-left: 3.2em}
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      pre.display {font-family: inherit}
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pre.display {font-family: inherit}
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The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message
The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
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module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
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http://openjdk.java.net/legal/gplv2+ce.html

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terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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MortBay

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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Mortbay

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

-------
Assorted

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1.889 rename 0.20-4

1.890 jquery 3.2.1-1

1.891 swagger 1.5.0
1.891.1 Available under license :

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Manifest-Version: 1.0
Bnd-LastModified: 1433634398680
Build-Jdk: 1.7.0_72
Built-By: tony
Bundle-Description: Sonatype helps open source projects to set up Maven repositories on https://oss.sonatype.org/
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.html
Bundle-ManifestVersion: 2
Bundle-Name: swagger-models
Bundle-SymbolicName: io.swagger.models
Bundle-Version: 1.5.0
Created-By: Apache Maven Bundle Plugin
Export-Package: io.swagger.models.parameters;uses="com.fasterxml.jackson.annotation,io.swagger.models,io.swagger.models.properties";version="1.5.0",io.swagger.models.properties;uses="com.fasterxml.jackson.annotation,io.swagger.models.parameters,io.swagger.models.properties,javax.xml.bind.annotation";version="1.5.0",io.swagger.models;uses="com.fasterxml.jackson.annotation,io.swagger.models.parameters,io.swagger.models.properties";version="1.5.0",io.swagger.models;uses="com.fasterxml.jackson.annotation,io.swagger.models.properties";version="1.5.0"
implementation-version: 1.5.0
Import-Package: com.fasterxml.jackson.annotation;version="[2.4,3)",javax.xml.bind.annotation,org.slf4j;version="[1.6,2)
mode: development
package: io.swagger
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-2.3.0.201405100607
url: https://github.com/swagger-api/swagger-core/modules/swagger-models

Found in path(s):
* /opt/cola/permits/1001159702_1607016290.96/0/swagger-models-1-5-0-jar/META-INF/MANIFEST.MF

1.892 lapack 3.7.1 4ubuntu1
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* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-jar/io/netty/handler/codec/xml/XmlFrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-jar/io/netty/handler/codec/compression/Crc32c.java

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* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/DefaultHeaders.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/Headers.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/MessageAggregationException.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/compression/Bzip2Encoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java
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  jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/compression/Bzip2BitReader.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/compression/Bzip2Rand.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/json/JsonObjectDecoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java
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Enumeration of supported Base64 dialects.

The internal lookup tables in this class has been derived from

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/netty-codec-4-1-49-final-sources-1-jar/io/netty/handler/codec/base64/Base64Dialect.java

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/netty-codec-4-1-49-final-sources-1-jar/io/netty/handler/codec/base64/Base64Dialect.java
Open Source Used In MKS Edge 1.6.0 1.6.0.268 10887

jar/io/netty/handler/codec/string/LineEncoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-jar/io/netty/handler/codec/DatagramPacketDecoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-jar/io/netty/handler/codec/CodecOutputList.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-jar/io/netty/handler/codec/CodecOutputList.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-jar/io/netty/handler/codec/compression/ByteBufChecksum.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-jar/io/netty/handler/codec/DateFormatter.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-jar/io/netty/handler/codec/CodecOutputList.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-jar/io/netty/handler/codec/compression/CompressionUtil.java

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 */

/* Utility class for { @link ByteBuf} that encodes and decodes to and from
 * <a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.
 * <p>
 * The encoding and decoding algorithm in this class has been derived from
 * <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
 * Base64 Encoder/Decoder</a>.
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-jar/io/netty/handler/codec/base64/Base64.java
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jar/io/netty/handler/codec/CharSequenceValueConverter.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
jar/io/netty/handler/codec/ValueConverter.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
jar/io/netty/handler/codec/DefaultHeadersImpl.java

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* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
jar/io/netty/handler/codec/MessageAggregator.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
jar/io/netty/handler/codec/compression/ZlibEncoder.java

---

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/opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar
/io/netty/handler/codec/serialization/ReferenceMap.java
/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java
/io/netty/handler/codec/compression/ZlibWrapper.java
/io/netty/handler/codec/compression/Snappy.java
/io/netty/handler/codec/MessageToMessageDecoder.java
/io/netty/handler/codec/marshalling/LimitingByteInput.java
/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java
/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java
/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java
/io/netty/handler/codec/compression/ZlibDecoder.java
/io/netty/handler/codec/serialization/ObjectEncoderInputStream.java
/io/netty/handler/codec/compression/DecompressionException.java
/io/netty/handler/codec/compression/JdkZlibEncoder.java
/io/netty/handler/codec/MessageToByteEncoder.java
/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java

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* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codec/xml/package-info.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codec/TooLongFrameException.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codec/marshalling/package-info.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codec/string/StringEncoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codec/LengthFieldPrepender.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codec/EncryptionException.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codec/FixedLengthFrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codec/LineBasedFrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codec/misc/ReplayingDecoderByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codec/marshalling/UnmarshallerProvider.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codec/compression/JZlibDecoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java

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* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codec/DecoderResult.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codec/DecoderException.java

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/**
 * A decoder that splits the received {@link ByteBuf}s dynamically by the
 * value of the length field in the message. It is particularly useful when you
 * decode a binary message which has an integer header field that represents the
 * length of the message body or the whole message.
 * <p>
 * {@link LengthFieldBasedFrameDecoder} has many configuration parameters so
 * that it can decode any message with a length field, which is often seen in
 * proprietary client-server protocols. Here are some example that will give
 * you the basic idea on which option does what.
 */
The value of the length field in this example is 12 (0x0C) which represents the length of "HELLO, WORLD". By default, the decoder assumes that the length field represents the number of the bytes that follows the length field. Therefore, it can be decoded with the simplistic parameter combination.

Before Decode (14 bytes)          After Decode (14 bytes)
+--------+----------------+      +--------+----------------+
| Length | Actual Content |----->| Length | Actual Content |
| 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |
+--------+----------------+      +--------+----------------+

Because we can get the length of the content by calling `ByteBuf#readableBytes()`, you might want to strip the length field by specifying `initialBytesToStrip`. In this example, we specified `initialBytesToStrip` that is same with the length of the length field, to strip the first two bytes.

Before Decode (14 bytes)          After Decode (12 bytes)
+--------+----------------+      +----------------+
| Length | Actual Content |----->| Actual Content |
| 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |
+--------+----------------+      +----------------+

In most cases, the length field represents the length of the message body only, as shown in the previous examples. However, in some protocols, the length field represents the length of the whole message, including the message header. In such a case, we specify a non-zero...
Because the length value in this example message is always greater than the body length by 2, we specify -2 as \(lengthAdjustment\) for compensation.

\[\begin{align*}
\text{lengthFieldOffset} & = 0 \\
\text{lengthFieldLength} & = 2 \\
\text{lengthAdjustment} & = -2 \quad (= \text{the length of the Length field}) \\
\text{initialBytesToStrip} & = 0 \\
\end{align*}\]

 BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)

\[\begin{align*}
\text{Length} & | \text{Actual Content} \\
0x000E & | \text{"HELLO, WORLD"} \\
\end{align*}\]

 BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)

\[\begin{align*}
\text{lengthFieldOffset} & = 2 \quad (= \text{the length of Header 1}) \\
\text{lengthFieldLength} & = 3 \\
\text{lengthAdjustment} & = 0 \\
\text{initialBytesToStrip} & = 0 \\
\end{align*}\]

 BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)

\[\begin{align*}
\text{Header 1} & | \text{Length} | \text{Actual Content} \\
0xCAFE & | 0x00000C & \text{"HELLO, WORLD"} \\
\end{align*}\]
2 bytes length field at offset 1 in the middle of 4 bytes header,
strip the first header field and the length field

This is a combination of all the examples above. There are the prepended
header before the length field and the extra header after the length field.
The prepended header affects the \texttt{lengthFieldOffset} and the extra
header affects the \texttt{lengthAdjustment}. We also specified a non-zero
\texttt{initialBytesToStrip} to strip the length field and the prepended
header from the frame. If you don't want to strip the prepended header, you
could specify \texttt{0} for \texttt{initialBytesToSkip}.

\begin{verbatim}
lengthFieldOffset   = 1 (= the length of HDR1)
lengthFieldLength   = 2
<lengthAdjustment/h> = <b>1</b> (= the length of HDR2)
<initialBytesToStrip/h> = <b>3</b> (= the length of HDR1 + LEN)

BEFORE DECODE (16 bytes)                  AFTER DECODE (13 bytes)
+----------+----------+----------------+      +----------+----------------+
| HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
| 0xCA  | 0x000C  | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
+----------+----------+----------------+      +----------+----------------+
\end{verbatim}

Let's give another twist to the previous example. The only difference from
the previous example is that the length field represents the length of the
whole message instead of the message body, just like the third example.
We have to count the length of HDR1 and Length into \texttt{lengthAdjustment}.
Please note that we don't need to take the length of HDR2 into account
because the length field already includes the whole header length.

\begin{verbatim}
lengthFieldOffset   = 1
lengthFieldLength   = 2
<lengthAdjustment/h> = <b>-3</b> (= the length of HDR1 + LEN, negative)
<initialBytesToStrip/h> = <b>3</b>

BEFORE DECODE (16 bytes)                  AFTER DECODE (13 bytes)
+----------+----------+----------------+      +----------+----------------+
| HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
| 0xCA  | 0x000C  | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
+----------+----------+----------------+      +----------+----------------+
\end{verbatim}
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" | | 0xFE | "HELLO, WORLD"
* +-------------------+-------------------+
* @see LengthFieldPrepender
*/

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* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java
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1.894 debianutils 4.7

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Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message
The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl
------
MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

------
Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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lib/csharp/src/Protocol/TTType.cs
lib/csharp/src/Server/TSERVER.cs
lib/csharp/src/Server/TSimpleServer.cs
lib/csharp/src/Server/TTThreadPooLServer.cs
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lib/csharp/src/Transport/TSERVERSocket.cs
lib/csharp/src/Transport/TSERVERTransport.cs
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lib/csharp/src/Transport/TSocket.cs
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1.905 sed 4.2.2 7

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* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/GroupedLiftFuseable.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/GroupedLift.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/QueueDrainSubscriber.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/MonoDoOnEach.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/MonoDoOnEachFuseable.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/MonoToCompletableFuture.java
jar/reactor/core/publisher/ParallelMergeSequential.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1.jar/reactor/core/publisher/MonoOperator.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1.jar/reactor/core/publisher/FluxDistinct.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1.jar/reactor/core/publisher/FluxDetach.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1.jar/reactor/core/publisher/MonoCollectList.java
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* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1.jar/reactor/core/publisher/FluxDoOnEach.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1.jar/reactor/core/publisher/BlockingFirstSubscriber.java
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* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1.jar/reactor/core/publisher/FluxLogFuseable.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1.jar/reactor/core/publisher/ParallelMap.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1.jar/reactor/core/publisher/ParallelFlux.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1.jar/reactor/core/publisher/MonoCurrentContext.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1.jar/reactor/core/publisher/MonoSubscriberContext.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1.jar/reactor/core/publisher/MonoDefaultIfEmpty.java
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* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1.jar/reactor/core/scheduler/SingleWorkerScheduler.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1.jar/reactor/core/publisher/MonoDelay.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1.jar/reactor/util/function/Tuple8.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1.jar/reactor/core/publisher/FluxOnBackpressureBuffer.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1.jar/reactor/core/publisher/StrictOnBackpressureBuffer.java

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reactor.core.scheduler.ReactorBlockHoundIntegration

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* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/FluxCreate.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/MonoCollect.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/MonoCreate.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/Flux.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/FluxPublish.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/MonoSink.java
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* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1.jar/reactor/core/publisher/MonoSingleMono.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1.jar/reactor/core/publisher/OnNextFailureStrategy.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1.jar/reactor/util/context/Context4.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1.jar/reactor/core/publisher/FluxLimitRequest.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1.jar/reactor/core/publisher/FluxDelaySequence.java

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* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/FluxDoFirstFuseable.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/MonoDoFirst.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/MonoDoFirstFuseable.java

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* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/MonoDeferWithContext.java
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  * /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/OptimizableOperator.java
  * /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/InternalConnectableFluxOperator.java
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  * /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/util/annotation/NonNullApi.java
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* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/WorkQueueProcessor.java
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* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/FluxBufferPredicate.java
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* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/MonoZip.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/FluxFilter.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/FluxWindowPredicate.java
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* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/MonoMetrics.java
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* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/MonoCompletionStage.java
* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/ReplayProcessor.java
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**1.919 swagger-annotations 1.5.0**

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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/swagger-api/swagger-spec/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 "";

1.920 openssh 7.6p1 4ubuntu0.3

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 *
 */

#ifndef _BSD_WAITPID_H
#define _BSD_WAITPID_H

#ifndef HAVE_WAITPID
/* Clean out any potential issues */
#undef WIFEXITED
#undef WIFSTOPPED
#undef WIFSIGNALED

/* Define required functions to mimic a POSIX look and feel */
#define _W_INT(w) (*(int*)&(w)) /* convert union wait to int */
#define WIFEXITED(w) (!((_W_INT(w)) & 0377))
#define WIFSTOPPED(w) ((_W_INT(w)) & 0100)
#endif
#endif

Open Source Used In MKS Edge 1.6.0 1.6.0.268 11162
#define WIFSIGNALED(w)!WIFEXITED(w) & !WIFSTOPPED(w)
#define WEXITSTATUS(w)(int)(WIFEXITED(w) ? ((_W_INT(w) >> 8) & 0377) : -1)
#define WTERMSIG(w)(int)(WIFSIGNALED(w) ? (_W_INT(w) & 0177) : -1)
#define WCOREFLAG 0x80
#define WCOREDUMP(w)((_W_INT(w)) & WCOREFLAG)

/* Prototype */
pid_t waitpid(int, int *, int);

#endif /* !HAVE_WAITPID */
#endif /* _BSD_WAITPID_H */

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* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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 */

#ifndef HAVE_SETRESGID
int setresgid(gid_t, gid_t, gid_t);
#endif

#ifndef HAVE_SETRESUID
int setresuid(uid_t, uid_t, uid_t);
#endif

/*$OpenBSD: poll.h,v 1.11 2003/12/10 23:10:08 millert Exp $*/

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 */

/* OPENBSD ORIGINAL: sys/sys/poll.h */

#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
#define COMPAT_POLL_H_
#define COMPAT_POLL_H

Open Source Used In MKS Edge 1.6.0 1.6.0.268 11170
typedef struct pollfd {
  int fd;
  short events;
  short revents;
} pollfd_t;

typedef unsigned int nfds_t;

#define POLLIN 0x0001
#define POLLOUT 0x0004
#define POLLERR 0x0008
#define POLLHUP 0x0010
#define POLLNVAL 0x0020
#if 0
    /* the following are currently not implemented */
#define POLLPRI 0x0002
#define POLLRDNORM 0x0040
#define POLLNORM POLLRDNORM
#define POLLWRNORM POLLOUT
#define POLLRDBAND 0x0080
#define POLLWRBAND 0x1000
#endif

#define INFTIM (-1) /* not standard */

int poll(struct pollfd *, nfds_t, int);
#endif /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H */

1.921 libgpg-error 1.21-2ubuntu1
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b) Use a suitable shared library mechanism for linking with the
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pkgname=libart-lgpl
pkgver=2.3.21
pkgrel=5
pkgdesc="A library for high-performance 2D graphics"
url="http://www.levien.com/libart/"
arch="all"
license="LGPL"
depends=
makedepends=
subpackages="$pkgname-dev"

_builddir="$srcdir/libart_lgpl-$pkgver"

prepare() {
    cd "$_builddir"
    update_config_sub || return 1
}
build() {
    cd "$_builddir"
    ./configure \
        --build=$CBUILD \
        --host=$CHOST \
        --prefix=/usr \
        || return 1
    make || return 1
}
package() {
    cd "$_builddir"
    make DESTDIR='$pkgdir' install || return 1
    rm "$pkgdir/usr/lib/*.la"
}

md5sums="08559ff3c67fd95d57b0c5e91a6b4302  libart_lgpl-2.3.21.tar.bz2"

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pkgname=perl-software-license
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pkgrel=0
pkgdesc="packages that provide templated software licenses"
url="http://search.cpan.org/dist/Software-License/"
arch="noarch"
license="GPL PerlArtistic"
cpandepends="perl-text-template perl-data-section perl-sub-install"
cpanmakedepends="" 
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/R/RJ/RJBS/$_pkgreal-$pkgver.tar.gz"

_builddir="$srcdir/$_pkgreal-$pkgver"

prepare() {
    cd "$_builddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
    PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
    cd "$_builddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
    make && make test
}
package() {
    cd "$_builddir"
    make DESTDIR="$pkgdir" install || return 1
    find "$pkgdir" \( -name perllocal.pod \( -o \) -name .packlist \) -delete
}

md5sums="0c5fd53d93818566234578b27d667b35  Software-License-0.103004.tar.gz"

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* DNS resolver (dirmngr/dns.c)  

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-----------------------------------------------  
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1.932 python-cycler 0.10.0-1

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1.933 e2fsprogs 1.42.13 1ubuntu1

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

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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) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) $(my_dir) | sed -e 's;lib/;;' $(BSD_LIB)
    `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) \n $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB) \n @-$(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)
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Theodore Ts'o
23-June-2007

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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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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.

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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
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
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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.
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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
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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!
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
-
- Copyright (C) Andrew Tridgell 2005
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Gadi Oxman, August 1995

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

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1.934 ghodss-yaml 1.0.1-0.20190212211648-25d852aebe32

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* /opt/ws_local/PERMITS_SQL/1014041220_1594205370.94/0/ply-linux-libcap-auto-th-libcap-2-27-1-0-g4f15ead-
1.936 libnfsidmap 0.25-5.1

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1.937 python-defaults 3.5.1-3

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This is the Debian GNU/Linux prepackaged version of the Python programming language. Python was written by Guido van Rossum <guido@cwi.nl> and others.

This package was put together by Klee Dienes <klee@debian.org> from sources from ftp.python.org:/pub/python, based on the Debianization by the previous maintainers Bernd S. Brentrup <bsb@uni-muenster.de> and Bruce Perens.

Current maintainer is Matthias Klose <doko@debian.org> until the final 2.3 version is released.

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A. HISTORY OF THE SOFTWARE

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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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* configure.ac, Makefile.am: The original versions were derived from the
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* atf-c/ui.c: The format_paragraph and format_text functions were
derived form the ones in the Monotone project, revision
  3a0982da308228d796df35f98d787c5cffe2bb5b6.

  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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xmlns:db="http://docbook.org/ns/docbook">

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  <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>

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  Ty Coon, President of Vice

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THE BASIC LIBRARY FUNCTIONS
----------------------------

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1.946 busybox 1.31.1-r9

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Julian Seward, Cambridge, UK.
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bzip2/libbzip2 version 1.0.4 of 20 December 2006
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1.949 prometheus-client 0.9.2

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1.950 libxdmcp 1.1.3-r0

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1.951 pygobject 3.26.1 2ubuntu1

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1.957 boost 1.65.1+dfsg-0ubuntu5

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 *
 */

#include "licence_info.hpp"
#include "bcp_imp.hpp"
#include "fileview.hpp"
#include <fstream>
#include <iomanip>
#include <cstring>
#include <stdexcept>
#include <boost/lexical_cast.hpp>
#include <boost/filesystem/operations.hpp>
#include <boost/throw_exception.hpp>

//
// split_path is a small helper for outputting a path name,
// complete with a link to that path:
//
struct split_path
{
    const fs::path& root;
    const fs::path& file;
    split_path(const fs::path& r, const fs::path& f)
        : root(r), file(f) {}
private:
    split_path& operator=(const split_path&);
};

std::ostream& operator << (std::ostream& os, const split_path& p)
std::string make_link_target(const std::string& s)
{
    // convert an arbitrary string into something suitable
    // for an <a> name:
    std::string result;
    for(unsigned i = 0; i < s.size(); ++i)
    {
        result.append(1, static_cast<std::string::value_type>(std::isalnum(s[i]) ? s[i] : '_'));
    }
    return result;
}

void bcp_implementation::output_license_info()
{
    std::pair<const license_info*, int> licenses = get_licenses();

    std::map<int, license_data>::const_iterator i, j;
    i = m_license_data.begin();
    j = m_license_data.end();

    std::ofstream os(m_dest_path.string().c_str());
    if(!os)
    {
        std::string msg("Error opening ");
        msg += m_dest_path.string();
        msg += " for output.");
        std::runtime_error e(msg);
        boost::throw_exception(e);
    }
    os <<
        "<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN"">\n";
    if(m_module_list.size() == 1)
    {
        os << " for " << *(m_module_list.begin());
    }
    os <<
        "<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">\n",
        "<html>\n",
        "<head>\n",
        "<title>Boost Licence Dependency Information";
    if(m_module_list.size() == 1)
    {
        os << " for " << *(m_module_list.begin());
    }
    os <<
        "</title>\n",
        "</head>\n",
        "</body>\n";
"<H1>Boost Licence Dependency Information</H1>

if(m_module_list.size() == 1)
{
    os << " for " << *(m_module_list.begin());
}

os << "</H1>
" "<H2>Contents</h2>
"<pre><a href="#input">Input Information</a>
if(!m_bsl_summary_mode)
    os << "<a href="#summary">Licence Summary</a>
os << "<a href="#details">Licence Details</a>
while(i != j)
{
    // title:
    os << "<A href="#" << make_link_target(licenses.first[i->first].license_name) << "">" << licenses.first[i->first].license_name << "</a>
    ++i;
}

os << "<a href="#files">Files with no recognised license</a>
" "<a href="#authors">Files with no recognised copyright holder</a>
if(!m_bsl_summary_mode)
{
    os << 
    "Moving to the Boost Software License...
    " "<a href="#bsl-converted">Files that can be automatically converted to the Boost Software License</a>
    " "<a href="#to-bsl">Files that can be manually converted to the Boost Software License</a>
    " "<a href="#not-to-bsl">Files that can NOT be moved to the Boost Software License</a>
    " "<a href="#need-bsl-authors">Authors we need to move to the Boost Software License</a>
    " "<a href="#copyright">Copyright Holder Information</a>
}

os << "<a href="#depend">File Dependency Information</a>
" "</pre>

// input Information:
//
os << "<a name="input"></a><h2>Input Information</h2>

if(m_scan_mode)
    os << 
else
    os << "The following files were scanned for boost dependencies:<BR>

std::list<std::string>::const_iterator si = m_module_list.begin();
std::list<std::string>::const_iterator sj = m_module_list.end();
while (si != sj)
{
  os << *si << "<BR>";
  ++si;
}

os << "</p><p>The Boost path was: <code>" << m_boost_path.string() << "</code></p>";

// extract the boost version number from the boost directory tree,
// not from this app (which may have been built from a previous
// version):

// fileview version_file(m_boost_path / "boost/version.hpp";

static const boost::regex version_regex("^[[:blank:]]*#define[[:blank:]]+BOOST_VERSION[[:blank:]]+(\d+)\);
boost::cmatch what;
if(boost::regex_search(version_file.begin(), version_file.end(), what, version_regex))
{
  int version = boost::lexical_cast<int>(what.str(1));
  os << "<p>The Boost version is: " << version / 100000 << "." << version / 100 % 100 << "." << version % 100
      << "</P>\n";
}

// output each license:

//
// i = m_license_data.begin();
// j = m_license_data.end();
// if(!m_bsl_summary_mode)
// {
//   // start with the summary:
//   //
//   os << "<a name="summary"></a><h2>Licence Summary</h2>
//   while(i != j)
//   {
//     // title:
//     os << "<H3>" << licenses.first[i->first].license_name << "</H3>\n";
//     // license text:
//     os << "<BLOCKQUOTE>" << licenses.first[i->first].license_text << "</BLOCKQUOTE>";
//     // Copyright holders:
//     os << "<P>This license is used by " << i->second.authors.size() " authors and " << i->second.files.size()
//        << " files <a href="/" see details"">(see details)</a>";
//     os << "</P>\n";
//     ++i;
//   }
// }
// and now the details:

i = m_license_data.begin();
j = m_license_data.end();
int license_index = 0;

os << "</a> Licence Details</h2>

while(i != j) {
    // title:
    os << "<H3><A name=" " << make_link_target(licenses.first[i->first].license_name) << ""></A> " << licenses.first[i->first].license_name << "</H3>

    // license text:
    os << "<BlocKQUOTE>" << licenses.first[i->first].license_text << "</BlocKQUOTE>
    if(!m_bsl_summary_mode || (license_index >= 3))
    {
        // Copyright holders:
        os << "This license is used by the following " << i->second.authors.size() << " copyright holders:";
        std::set<std::string>::const_iterator x, y;
x = i->second.authors.begin();
y = i->second.authors.end();
while(x != y) {
    os << *x << "<BR>
    ++x;
}
    os << "</P></BlocKQUOTE>

    // Files using this license:
    os << "This license applies to the following " << i->second.files.size() << " files:";
    std::set<fs::path, path_less>::const_iterator m, n;
m = i->second.files.begin();
n = i->second.files.end();
while(m != n) {
    os << split_path(m_boost_path, *m) << "<BR>
    ++m;
}
    os << "</P></BlocKQUOTE>
    else {
    os << "This license is used by " << i->second.authors.size() << " authors (list omitted for brevity).";
    os << "This license applies to " << i->second.files.size() << " files (list omitted for brevity)."
}
++license_index;
++i;
}
//
// Output list of files not found to be under license control:
//
os << "\n" << "<h2><a name="files"></a>Files With No Recognisable Licence</h2>\n"
"<p>The following " << m_unknown_licenses.size() << " files had no recognisable license information:\n";
std::set<fs::path, path_less>::const_iterator i2, j2;
i2 = m_unknown_licenses.begin();
j2 = m_unknown_licenses.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "\n";
    ++i2;
}
os << "</p></BLOCKQUOTE>";
// Output list of files with no found copyright holder:
//
os << "\n" << "<h2><a name="authors"></a>Files With No Recognisable Copyright Holder</h2>\n"
"<p>The following " << m_unknown_authors.size() << " files had no recognisable copyright holder:\n";
qe2 = m_unknown_authors.begin();
j2 = m_unknown_authors.end();
while(qe2 != j2)
{
    os << split_path(m_boost_path, *qe2) << "\n";
    ++qe2;
}
os << "</p></BLOCKQUOTE>";
if(!m_bsl_summary_mode)
{
// Output list of files that have been moved over to the Boost
// Software License, along with enough information for human
// verification.
//
os << "\n" << "<h2><a name="bsl-converted"></a>Files that can be automatically converted to the Boost Software License</h2>\n"
"<p>The following " << m_converted_to_bsl.size() << " files can be automatically converted to the Boost Software License, but require manual verification before they can be committed to CVS:\n";
if (!m_converted_to_bsl.empty())
{
    typedef std::map<fs::path, std::pair<std::string, std::string>, path_less>::const_iterator conv_iterator;
    conv_iterator i = m_converted_to_bsl.begin();
    i.e = m_converted_to_bsl.end();
int file_num = 1;
while (i != ie)
{
    os << "<P>[" << file_num << "] File: <tt>" << split_path(m_boost_path, i->first)
    << "</tt><br>
    << i->second.first << "]<pre>
    << i->second.second << "</pre>";
    ++i;
    ++file_num;
}

// Output list of files that could be moved over to the Boost Software License
//
// os << "<h2><a name="to-bsl"></a>Files that could be converted to the Boost Software License</h2>
// The following " << m_can_migrate_to_bsl.size() << " files could be manually converted to the Boost Software License, but have not yet been:
//<BLOCKQUOTE><P>
//i2 = m_can_migrate_to_bsl.begin();
//j2 = m_can_migrate_to_bsl.end();
//while(i2 != j2)
//    { os << split_path(m_boost_path, *i2) << "</pre>";
//    ++i2;
//    }
// os << "></BLOCKQUOTE>";
//
// Output list of files that can not be moved over to the Boost Software License
//
// os << "<h2><a name="not-to-bsl"></a>Files that can NOT be converted to the Boost Software License</h2>
// The following " << m_cannot_migrate_to_bsl.size() << " files cannot be converted to the Boost Software License because we need the permission of more authors:
//<BLOCKQUOTE><P>
//i2 = m_cannot_migrate_to_bsl.begin();
//j2 = m_cannot_migrate_to_bsl.end();
//while(i2 != j2)
//    { os << split_path(m_boost_path, *i2) << "</pre>";
//    ++i2;
//    }
// os << "</BLOCKQUOTE>";
//
// Output list of authors that we need permission for to move to the BSL
//
// os << "<h2><a name="need-bsl-authors"></a>Authors we need for the BSL</h2>
// Permission of the following authors is needed before we can convert to the Boost Software License. The list of authors that have given their permission is contained in <code>more/blanket-permission.txt</code>.
//<BLOCKQUOTE><P>";
//std::copy(m_authors_for_bsl_migration.begin(), m_authors_for_bsl_migration.end(),
std::ostream_iterator<std::string>(os, "\n")
);
os << "</p></BLOCKQUOTE»;

// output a table of copyright information:

//
os << "<H2>a name="copyright"></a>Copyright Holder Information</H2><table border=""1">\n";
std::map<std::string, std::set<fs::path, path_less> >::const_iterator ad, ead;
ad = m_author_data.begin();
ejad = m_author_data.end();
while(ad != ead)
{
os << "<tr><td>" << ad->first << "</td><td>
std::set<fs::path, path_less>::const_iterator fi, efi;
fi = ad->second.begin();
ejfi = ad->second.end();
while(fi != efi)
{
os << split_path(m_boost_path, *fi) << " ";
++fi;
}
os << "</td></tr>\n";
++ad;
}
os << "</table>\n";
}

// output file dependency information:

//
os << "<H2>a name="depend"></a>File Dependency Information</H2><BLOCKQUOTE><pre>
std::map<fs::path, fs::path, path_less>::const_iterator dep, last_dep;
std::set<fs::path, path_less>::const_iterator fi, efi;
fi = m_copy_paths.begin();
ejfi = m_copy_paths.end();
// if in summary mode, just figure out the "bad" files and print those only:
std::set<fs::path, path_less> bad_paths;
if(m_bsl_summary_mode)
{
    bad_paths.insert(m_unknown_licenses.begin(), m_unknown_licenses.end());
between_paths.insert(m_unknown_authors.begin(), m_unknown_authors.end());
between_paths.insert(m_can_migrate_to_bsl.begin(), m_can_migrate_to_bsl.end());
between_paths.insert(m_cannot_migrate_to_bsl.begin(), m_cannot_migrate_to_bsl.end());
typedef std::map<fs::path, std::pair<std::string, std::string>, path_less>
::const_iterator conv_iterator;
conv_iterator i = m_converted_to_bsl.begin(),
ie = m_converted_to_bsl.end();
while(i != ie)
{
bad_paths.insert(i->first);
++i;
}
fi = bad_paths.begin();
efi = bad_paths.end();
os << "<P>For brevity, only files not under the BSL are shown</P>
";
while(fi != efi)
{
    os << split_path(m_boost_path, *fi);
    dep = m_dependencies.find(*fi);
    last_dep = m_dependencies.end();
    std::set<fs::path, path_less> seen_deps;
    if (dep != last_dep)
        while(true)
        {
            os << " -> ";
            if(fs::exists(m_boost_path / dep->second))
                os << split_path(m_boost_path, dep->second);
            else if(fs::exists(dep->second))
                os << split_path(fs::path(), dep->second);
            else
                os << dep->second.string();
            if(seen_deps.find(dep->second) != seen_deps.end())
                {
                    os << " <I>(Circular dependency!)</I>",
                    break; // circular dependency!!!
                }
            seen_deps.insert(dep->second);
            last_dep = dep;
            dep = m_dependencies.find(dep->second);
            if((dep == m_dependencies.end()) || (0 == compare_paths(dep->second, last_dep->second)))
                break;
        }
    os << "\n";
    ++fi;
}
os << "</pre></BLOCKQUOTE>\n";
os << "</body></html>\n";
if(!os)
{
    std::string msg("Error writing to ");
    msg += m_dest_path.string();
    msg += ",
    std::runtime_error e(msg);
    boost::throw_exception(e);
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#!/usr/bin/env python
from subprocess import check_output as run
from datetime import datetime
from itertools import groupby
from operator import itemgetter
import re
import magic

def authors(filename):
    log = run(['git', 'log', '--follow',
               '--date=short', '--format=%aN%x09%ad', filename],
               universal_newlines=True)
    for line in log.splitlines():
        author, date = line.split('	')
        if author != 'fix-copyright.py':
            yield author, datetime.strptime(date, '%Y-%m-%d')

def new_copyright(filename, previous):
    def f():
        au = list(authors(filename))
        alldates = map(itemgetter(1), au)
        aup = sorted(au + map(lambda a: (a, None), previous), key=itemgetter(0))
        for author, records in groupby(aup, itemgetter(0)):
            dates = filter(None, map(itemgetter(1), records))
            if not dates: dates = alldates
            start = min(dates)
            end = max(dates)
            fmt = '{0}' if start.year == end.year else '{0}-{1}'
            line = 'Copyright ' + fmt.format(start.year, end.year) + ' ' + author
            key = (start, author)
            yield key, line
        return map(itemgetter(1), sorted(f()))

def fix_copyright(filename):
    # Find copyright block in original file
    prefix = set()
    names = []
    lines = []
    with open(filename, 'r') as f:
        content = list(f)
        for i, line in enumerate(content[:15]):
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[section:mpl MPL Interoperability]

All the value based traits in this library conform to MPL's requirements
for an [../../../../libs/mpl/doc/refmanual/integral-constant.html Integral Constant type].

Please note that these types no longer inherit from `mpl::true_` or `mpl::false_` etc, and the library
will no longer implicitly include any MPL header. However there is an implicit conversion from
`integral_constant` to the corresponding MPL types, therefore tag-dispatching that uses MPL types
in function overloads will still work as before.
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Boost.Geometry (aka GGL, Generic Geometry Library)

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Copyright (c) 2008-2011 Bruno Lalande, Paris, France.
Copyright (c) 2009-2011 Mateusz Loskot, London, UK.

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Maybe this should pass?

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- implemented file-format e.g. WKB
- implemented specific strategy or algorithm e.g. intersections
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5) Docs -> might take sole copyright
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and comments are changed accordingly.
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#include <boost/mpl/push_back.hpp>
#include <boost/mpl/quote.hpp>
#include <boost/mpl/transform.hpp>
#include <boost/mpl/vector.hpp>

template <typename X>
struct f { using type = X; };
template <int i>
struct t { };

using vector = mpl_vector((1..input_size).to_a.map { |n| "t<#{n}>'" }) %>
;

using result = boost::mpl::transform<vector, boost::mpl::quote1<f>>::type;

int main() { }

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-->
Adapters for Boost.MPL containers.

Boost.MPL adapters

Classes

External adapters
Classes

<table>
<thead>
<tr>
<th>Class Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>boost::mpl::integral_c&lt;T, v&gt;</code></td>
<td>Adapter for IntegralConstants from the Boost.MPL. <a href="#">More...</a></td>
</tr>
<tr>
<td><code>boost::mpl::list&lt;T&gt;</code></td>
<td>Adapter for Boost.MPL lists. <a href="#">More...</a></td>
</tr>
<tr>
<td><code>boost::mpl::vector&lt;T&gt;</code></td>
<td>Adapter for Boost.MPL vectors. <a href="#">More...</a></td>
</tr>
</tbody>
</table>

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#ifndef BOOST_INTRUSIVE_DETAIL_MPL_HPP
#define BOOST_INTRUSIVE_DETAIL_MPL_HPP

#if defined(BOOST_HAS_PRAGMA_ONCE)
#pragma once
#endif

#include <boost/config.hpp>
#include <boost/intrusive/detail/config_begin.hpp>
#include <boost/move/detail/type_traits.hpp>
#include <cstddef>

namespace boost {
    namespace intrusive {
        namespace detail {

            using boost::move_detail::is_same;
            using boost::move_detail::add_const;
            using boost::move_detail::remove_const;
            using boost::move_detail::remove_cv;
            using boost::move_detail::remove_reference;
            using boost::move_detail::remove_pointer;
            using boost::move_detail::add_pointer;
            using boost::move_detail::true_type;
            using boost::move_detail::false_type;
            using boost::move_detail::enable_if_c;
            using boost::move_detail::enable_if;
            using boost::move_detail::disable_if_c;
            using boost::move_detail::disable_if;
            using boost::move_detail::is_convertible;
            using boost::move_detail::if_c;
            using boost::move_detail::if_;
            using boost::move_detail::is_const;
            using boost::move_detail::identity;
            using boost::move_detail::alignment_of;
            using boost::move_detail::is_empty;
            using boost::move_detail::addressof;
            using boost::move_detail::integral_constant;
            using boost::move_detail::enable_if_convertible;
            using boost::move_detail::disable_if_convertible;
            using boost::move_detail::bool_;
using boost::move_detail::true_;  
using boost::move_detail::false_;  
using boost::move_detail::yes_type;  
using boost::move_detail::no_type;  
using boost::move_detail::apply;  
using boost::move_detail::eval_if_c;  
using boost::move_detail::eval_if;  
using boost::move_detail::unvoid_ref;  
using boost::move_detail::add_const_if_c;  

template<
std::size_t S>
struct ls_zeros
{
    static const std::size_t value = (S & std::size_t(1)) ? 0 : (1 + ls_zeros<(S>>1u)>::value);  
};

template<>
struct ls_zeros<0>
{
    static const std::size_t value = 0;  
};

template<>
struct ls_zeros<1>
{
    static const std::size_t value = 0;  
};

// Infrastructure for providing a default type for T::TNAME if absent.
#define BOOST_INTRUSIVE_INSTANTIATE_DEFAULT_TYPE_TMPLT(TNAME)     
template <typename T, typename DefaultType>                    
struct boost_intrusive_default_type_ ## TNAME                  
{                                                              
    template <typename X>                                       
    static char test(int, typename X::TNAME*);                  
    template <typename X>                                       
    static int test(...);                                       
    static int test(...);                                       
    static bool value = (1 == sizeof(test<T>(0, 0)));           
    typedef typename                                            
        ::boost::intrusive::detail::if_c                         
        <value, T, DefaultWrap>::type::TNAME type;              
};                                                             
//
```cpp
#define BOOST_INTRUSIVE_OBTAIN_TYPE_WITH_EVAL_DEFAULT(INSTANTIATION_NS_PREFIX, T, TNAME, TIMPL) \
    typename INSTANTIATION_NS_PREFIX \
    boost_intrusive_eval_default_type_##TNAME< T, TIMPL >::type \
    //

#define BOOST_INTRUSIVE_INSTANTIATE_EVAL_DEFAULT_TYPE_TMPLT(TNAME) \
    template <typename T, typename DefaultType> \
    struct boost_intrusive_eval_default_type_##TNAME \
    { \
        template <typename X> \
        static char test(int, typename X::TNAME*); \
        \
        template <typename X> \
        static int test(...); \
        \
        struct DefaultWrap \
        { typedef typename DefaultType::type TNAME; }; \
        \
        static const bool value = (1 == sizeof(test<T>(0, 0))); \
        \
        typedef typename \
        ::boost::intrusive::detail::eval_if_c \
        < value \
        , ::boost::intrusive::detail::identity<T> \
        , ::boost::intrusive::detail::identity<DefaultWrap> \
        >::type::TNAME type; \
    };
    //

#define BOOST_INTRUSIVE_OBTAIN_TYPE_WITH_EVAL_DEFAULT(INSTANTIATION_NS_PREFIX, T, TNAME, TIMPL) \
    typename INSTANTIATION_NS_PREFIX \
    boost_intrusive_eval_default_type_##TNAME< T, TIMPL >::type \
    //

#define BOOST_INTRUSIVE_INTERNALSTATIC_BOOLISTRUE(TRAITS_PREFIX, TYPEDEF_TO_FIND) \
    template <class T>
    struct TRAITS_PREFIX##_bool \
    { \
        template<bool Add>
        struct two_or_three {yes_type _[2 + Add];};
        template <class U> static yes_type test(...);
        template <class U> static two_or_three<U::TYPEDEF_TO_FIND> test (int);
        static const std::size_t value = sizeof(test<T>(0));
    };
```

template <class T>
struct TRAITS_PREFIX##_bool_is_true
{  
  static const bool value = TRAITS_PREFIX##_bool<T>::value > sizeof(yes_type)*2;
};

//
#define BOOST_INTRUSIVE_HAS_STATIC_MEMBER_FUNC_SIGNATURE(TRAITS_NAME,  
FUNC_NAME) 
  template <typename U, typename Signature> 
  class TRAITS_NAME 
  { 
  private: 
    template<Signature> struct helper;  
    template<typename T> 
      static ::boost::intrusive::detail::yes_type test(helper<&T::FUNC_NAME>*);  
    template<typename T> static ::boost::intrusive::detail::no_type test(...);  
    public: 
      static const bool value = sizeof(test<U>(0)) == sizeof(::boost::intrusive::detail::yes_type);  
  };  
//

#define BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED(TRAITS_NAME, FUNC_NAME) 
  template <typename Type> 
  struct TRAITS_NAME 
  { 
    struct BaseMixin 
    { 
      void FUNC_NAME();  
    };  
    struct Base : public Type, public BaseMixin { Base(); };  
    template <typename T, T t> class Helper{};  
    template <typename U> 
      static ::boost::intrusive::detail::no_type  test(U*, Helper<void (BaseMixin::*)(), &U::FUNC_NAME>* = 0);  
    static ::boost::intrusive::detail::yes_type test(...);  
    static const bool value = sizeof(::boost::intrusive::detail::yes_type) == sizeof(test((Base*)(0)));  
  };  
//

#define BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED_IGNORE_SIGNATURE(TRAITS_NAME,  
FUNC_NAME) 
  BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED(TRAITS_NAME##_ignore_signature, FUNC_NAME) 

  template <typename Type, class> 
  struct TRAITS_NAME 
  : public TRAITS_NAME##_ignore_signature
  {
template <typename State, typename X>
struct f { using type = X; }; 

struct state { }; 

template <int i>
struct t { }; 

using vector = mpl_vector((1..input_size).to_a.map { |n| "t<#{n}>" })); 

using result = boost::mpl::fold<vector, state, boost::mpl::quote2<f>>::type; 

int main() { }
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#ifndef BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP
#define BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP

#ifndef BOOST_CONFIG_HPP
#include <boost/config.hpp>
#endif
#if defined(BOOST_HAS_PRAGMA_ONCE)
#  pragma once
#endif

#include <boost/container/detail/config_begin.hpp>
#include <boost/container/detail/workaround.hpp>
#include <boost/move/detail/type_traits.hpp>
#include <boost/intrusive/detail/mpl.hpp>

#include <cstddef>
namespace boost {
namespace container {
namespace container_detail {

using boost::move_detail::integral_constant;
using boost::move_detail::true_type;
using boost::move_detail::false_type;
using boost::move_detail::enable_if_c;
using boost::move_detail::enable_if;
using boost::move_detail::enable_if_convertible;
using boost::move_detail::disable_if_c;
using boost::move_detail::disable_if;
using boost::move_detail::disable_if_convertible;
using boost::move_detail::is_convertible;
using boost::move_detail::if_c;
using boost::move_detail::if_;
using boost::move_detail::identity;
using boost::move_detail::bool_;
using boost::move_detail::true_;
using boost::move_detail::false_;
using boost::move_detail::false_type;
using boost::move_detail::true_type;
using boost::move_detail::bool_type;
using boost::move_detail::unvoid_ref;
using boost::move_detail::and_;
using boost::move_detail::or_;
using boost::move_detail::not_;
using boost::move_detail::enable_if_and;
using boost::move_detail::disable_if_and;
using boost::move_detail::enable_if_or;
using boost::move_detail::disable_if_or;

template <class FirstType>
struct select1st
typedef FirstType type;

template<class T>
const type& operator()(const T& x) const
{  return x.first;   }

template<class T>
type& operator()(T& x)
{  return const_cast<type&>(x.first);   }
;

}  //namespace container_detail 
}  //namespace container 
}  //namespace boost 

#include <boost/container/detail/config_end.hpp>
the Russell programming language implementation. The first version of the
garbage collector was written primarily by Al Demers. It was then refined
and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U.,
the University of Washington, Rice University (where it was first used for
C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant
contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in
README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser.
The Encore Multimax modifications were supplied by
Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely
due to Vernon Lee, on machines made available to Rice by IBM.
Much of the HP specific code and a number of good suggestions for improving the
generic code are due to Walter Underwood.
Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code.
Al Dosser (dossier@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk)
subsequently provided updates and information on variation between ULTRIX
systems. Parag Patel (parag@netcom.com) supplied the A/UX code.
Jesper Peterson(jep@m.tiame.mtia.oz.au), Michel Schinz, and
Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port.
Thomas Funke (thf@zelator.in-berlin.de(?)) and
Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.
Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code.
Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader
specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and
Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and
Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes.
Alistair G. Crooks(agg@uts.amdahl.com) supplied the NetBSD and 386BSD ports.
Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.
Brent Benson (brent@cs.ucdavis.edu) ported the collector to
a Motorola 88K processor running CX/UX (Harris NightHawk).
Ali Huttunen (Ali.Huttunen@hut.fi) generalized the OS/2 port to
nonIBM development environments (a nontrivial task).
Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.
David Chase, then at Olivetti Research, suggested several improvements.
Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the
code to save and print call stacks for leak detection on a SPARC.
Jesse Hull and John Ellis supplied the C++ interface code.
Zhong Shao performed much of the experimentation that led to the
current typed allocation facility. (His dynamic type inference code hasn't
made it into the released version of the collector, yet.)

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template <int i>
struct t { };

using vector = mpl_vector((1..input_size).to_a.map { [n] "t<#{n}>" }) %;

int main() { }
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#ifndef BOOST_INTERPROCESS_DETAIL_MPL_HPP
#define BOOST_INTERPROCESS_DETAIL_MPL_HPP

#include <cstddef>

namespace boost {
namespace interprocess {
namespace ipcdetail {

    template <class T, T val>
    struct integral_constant {
        static const T value = val;
        typedef integral_constant<T,val> type;
    };

    template< bool C_ >
    struct bool_ : integral_constant<bool, C_> {
        static const bool value = C_;
    };

    typedef bool_<true>        true_;
    typedef bool_<false>       false_;

    typedef true_ true_type;
    typedef false_ false_type;

    typedef char yes_type;
    struct no_type {
        char padding[8];
    };

    template <bool B, class T = void>
    struct enable_if_c {
        typedef T type;
    };

    template <class T>
    struct enable_if_c<false, T> {};

    template <class Cond, class T = void>
    struct enable_if : public enable_if_c<Cond::value, T> {};

    template <class Cond, class T = void>
    struct disable_if : public enable_if_c<!Cond::value, T> {};

    template<bool C , typename T1 , typename T2 >
    struct if_c
{ typedef T1 type;
};

template<
    typename T1
    , typename T2
>
struct if_c<false,T1,T2>
{
    typedef T2 type;
};

template<
    typename T1
    , typename T2
    , typename T3
>
struct if_
{
    typedef typename if_c<0 != T1::value, T2, T3>::type type;
};

template<std::size_t S>
struct ls_zeros
{
    static const std::size_t value = (S & std::size_t(1)) ? 0 : (1u + ls_zeros<(S >> 1u)>::value);
};

template<>
struct ls_zeros<0>
{
    static const std::size_t value = 0;
};

template<>
struct ls_zeros<1>
{
    static const std::size_t value = 0;
};

} //namespace ipcdetail
} //namespace interprocess
} //namespace boost

#endif   //#ifndef BOOST_INTERPROCESS_DETAIL_MPL_HPP
All the value based traits in this library conform to MPL's requirements for an <code class="computeroutput">integral_constant</code> type.

Please note that these types no longer inherit from <code class="computeroutput">mpl</code> etc, and the library will no longer implicitly include any MPL header. However there is an implicit conversion from <code class="computeroutput">mpl</code> to the corresponding MPL types, therefore tag-dispatching that uses MPL types in function overloads will still work as before.
This package was debianized by Vladimir Prus <ghost@cs.msu.su> on Wed, 17 July 2002, 19:27:00 +0400.

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1.959 grep 2.25 1~16.04.1

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

* Cordys R&D BV

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1.967 libgcrypt 1.7.6 2+deb9u3

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

LIBGCRYPT Timo Schulz 2001-08-31
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LIBGCRYPT Simon Josefsson 2002-10-25
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GNUTLS Nikolaos Mavrogiannopoulos 2003-11-22
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Original code for cipher/rfc2268.c.

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

LIBGCRYPT Brad Hards 2006-02-09
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(Added OFB mode. Changed cipher/cipher.c, test/basic.c doc/gcrypt.tex. added SHA-224, changed cipher/sha256.c, added HMAC tests.)

LIBGCRYPT Hye-Shik Chang 2006-09-07
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LIBGCRYPT Werner Dittmann 2009-05-20
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GNUPG David Shaw
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(cipher/camellia-glue.c and related stuff)
LIBGCRYPT  Andrey Jivsov  2010-12-09
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LIBGCRYPT  Ulrich Miller  2012-02-15
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(Changes to cipher/idea.c and related files)

LIBGCRYPT  Vladimir Serbinenko  2012-04-26
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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>.

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Theodore Ts'o
23-June-2007

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

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Open Source Used In MKS Edge 1.6.0 1.6.0.268 11699
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 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/

From the original distribution:

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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) $(OBJS))
$(MV) pic/$(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>.
Sources were obtained from http://sourceforge.net/projects/e2fsprogs

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1.974 zlib 1.2.7 18.el7
1.974.1 Available under license:
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1.975 makedev 2.3.1-93ubuntu2~ubuntu16.04.1

1.976 libtasn 4.7 3ubuntu0.16.04.3

1.976.1 Available under license:

This package was debianized by Ivo Timmermans <ivo@debian.org> on Sat, 15 Jun 2002 23:37:29 +0200.
Matthias Urlichs <smurf@debian.org>.

It is now maintained by Andreas Metzler <ametzler@debian.org>, Eric Dorland <eric@debian.org> and James Westby <jw+debian@jameswestby.net>

It was downloaded from ftp://ftp.gnutls.org/pub/crypto/gnutls/libtasn1/

Upstream Authors: Fabio Fiorina <fiorinaf@gnutls.org>
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Version 3, 29 June 2007

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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 3a0982da308228d796df35f98d787c5cfff2bb5b6.

    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>

===========================================================================
vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2
<!--
-
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-->

<!-- $Id$ -->

<!-- Generate ISC copyright comments from Docbook copyright metadata. -->

<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">
  <xsl:text>
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</xsl:text>
</xsl:variable>
1.982 e2fsprogs 1.43.4 2

1.982.1 Available under license:

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Theodore Ts'o
23-June-2007

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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):
$(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
$(MV) pic/$(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
/*

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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/

From the original distribution:

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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:

http://sourceforge.net/projects/e2fsprogs

Upstream Author: Theodore Ts'o <tytso@mit.edu>

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Gadi Oxman, August 1995

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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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1.989 sed 4.4 1

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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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Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

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* executable.
Script expressions can be written in any scripting or expression language, for which a <a href="http://jcp.org/en/jsr/detail?id=223">JSR 223</a> compatible engine can be found on the classpath. To refer to a parameter within the scripting expression, use its name as obtained by the active <code>@link javax.validation.ParameterNameProvider</code>. By default, <code>@code arg0</code>, <code>@code arg1</code> etc. will be used as parameter names.

The following listing shows an example using the JavaScript engine which comes with the JDK:

```java
@ParameterScriptAssert(script = "arg0.before(arg1)", lang = "javascript")
public void createEvent(Date start, Date end) { ... }
```

Can be specified on any method or constructor.

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/*

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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/constraints/ParameterScriptAssert.java
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/URLDef.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/constraints/Currency.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/location/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/hv/ScriptAssertContext.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/
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jar/org/hibernate/validator/constraintvalidation/HibernateConstraintValidatorInitializationContext.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/ScriptAssertDef.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/context/Constrainable.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForDouble.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/aggregated/BeanMetaDataImpl.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/aggregated/ContainerCascadingMetaData.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/validators/Mod10Check.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/valueextraction/MapPropertyValueExtractor.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/provider/ProgrammaticMetaDataProvider.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForMinguoDate.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForInstant.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MaxValidatorForBigInteger.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/signdate/PastOrPresentValidatorForJapaneseDate.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/core/MetaConstraint.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/hv/pl/NIPValidator.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/cfg/context/CrossParameterConstraintMappingContextImpl.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/cfg/context/CascadableConstraintMappingContextImplBase.java
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForDouble.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForLocalDateTime.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForDate.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/AbstractPastOrPresentJavaTimeValidator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/messageinterpolation/parser/TokenIterator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/messageinterpolation/parser/InterpolationTermState.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/cfg/context/DefaultConstraintMapping.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForInteger.java
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jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForDouble.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForZonedDateTime.java
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jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/AbstractPastOrPresentJavaTimeValidator.java
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jar/org/hibernate/validator/internal/messageinterpolation/parser/TokenIterator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/raw/ConfigurationSource.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/engine/scripting/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/DigitsValidatorForNumber.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/engine/constraintvalidation/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeValidatorForBigInteger.java
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DateTime.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate-validator/internal/metadata/raw/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate.validator.internal/messageinterpolation/parser/TokenCollector.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate.validator/Incubating.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate.validator/internal/util/ExecutableHelper.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate.validator/internal/metadata/descriptor/BeanDescriptorImpl.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate.validator-internal/metadata/aggregated/rule/ParallelMethodsMustNotDefineParameterConstraints.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate.validator-internal/constraintvalidators/bv/size/SizeValidatorForArraysOfPrimitives.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate.validator-internal/xml/config/BootstrapConfigurationImpl.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate.validator-internal/metadata/aggregated/FieldCascadable.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate.validator-internal/engine/valueextraction/MapKeyExtractor.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate.validator-internal/util/CollectionHelper.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate.validator-internal/metadata/aggregated/CascadingMetaDataBuilder.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate.validator-internal/engine/valueextraction/OptionallongValueExtractor.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate.validator-internal/constraintvalidators/bv/number/bound/MaxValidatorForBigDecimal.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate.validator-internal/constraintvalidators/bv/size/SizeValidatorForArraysOfInt.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate.validator-internal/constraints/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate.validator-internal/constraints/NotBlank.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate.validator-internal/constraintvalidators/bv/number/sign/PositiveValidatorForNumber.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate.validator-internal/engine/valueextraction/BooleanArrayValueExtractor.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate.validator-internal/constraintvalidators/bv/size/SizeValidatorForArraysOfByte.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate.validator-internal/cfg/context/ConstraintDefinitionContextImpl.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate.validator-internal/cfg/context/ReturnValueTarget.java

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* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/MaxValidatorForCharSequence.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/util/TypeVariableBindings.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArraysOfFloat.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/money/MaxValidatorForMonetaryAmount.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/cfg/defs/package-info.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/xml/mapping/ClassConstraintTypeStaxBuilder.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/messageinterpolation/AbstractMessageInterpolator.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/metadata/descriptor/ElementDescriptorImpl.java
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ar/jar/META-INF/validation-configuration-2.0.xsd
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
ar/jar/META-INF/validation-mapping-2.0.xsd
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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jar/org/hibernate/validator/internal/util/ConcurrentReferenceHashMap.java

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
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org.ow2.asm:asm-commons
org.ow2.asm:asm
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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

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org.eclipse.jetty.toolchain:jetty-schemas

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1.1008 python-jsonpointer 1.10-1

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1.1009 grub 2.02-2ubuntu8.18

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### Constant-time SSSE3 AES core implementation.

**version 0.1**

**By Mike Hamburg (Stanford University), 2009**

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1.1028 pcre 8.32 17.el7

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1.1029 keyutils 1.6-r1

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1.1030 libparse-debianchangelog-perl 1.2.0 12
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Open-vm-tools v10.3.0

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$OpenLDAP: pkg/ldap/libraries/liblutil/base64.c,v 1.15 2006/01/03 22:12:11 kurt Exp $ /
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lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
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lib/gssapi/mechglue/g_initialize.c
and the initial implementation of incremental propagation, including
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kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
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1.1044 ipmi-tool 1.8.18-5ubuntu0.1

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1.1045 cloud-utils 0.30-0ubuntu5

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```

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1.1046 sqlite 3.22.0-1ubuntu0.4

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1.1047 nghttp2 1.39.2-r1

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set yrange [0:]
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set xtics rotate by -45
set style histogram errorbars gap 2 lw 1
set style fill solid border -1
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1.1048 python 3.6.9 1~18.04ubuntu1.3
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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, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was 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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1.1049 ubuntu-keyring 2012.05.19
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Author: Adam Dunkels <adam@sics.se>

*/

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The End

#!perl

=head1 NAME

copyright.t

=head1 DESCRIPTION

Tests that the latest copyright years in the top-level README file and the C<perl -v> output match each other.

If the test fails, update at least one of README and perl.c so that they match reality.

Optionally you can pass the C<--now> option to check they are at the current year. This isn't checked by default, so that it doesn't fail for people working on older releases. It should be run before making a new release.
use strict;
use Config;
BEGIN { require './test.pl' }

if ( $Config{usecrosscompile} ) {
  skip_all( "Not all files are available during cross-compilation" );
}

my ($opt) = @ARGV;

my $readme_year = readme_year();
my $v_year = v_year();

# Check that both copyright dates are up-to-date, but only if requested, so
# that tests still pass for people intentionally working on older versions:
if ($opt eq '--now') {
  my $current_year = (gmtime)[5] + 1900;
  is $v_year, $current_year, 'perl -v copyright includes current year';
  is $readme_year, $current_year, 'README copyright includes current year';
}
# Otherwise simply check that the two copyright dates match each other:
else {
  is $readme_year, $v_year, 'README and perl -v copyright dates match';
}

done_testing;

sub readme_year
# returns the latest copyright year from the top-level README file
{
  open my $readme, '<', '../README' or die "Opening README failed: $!";

  # The copyright message is the first paragraph:
  local $/ = "
  my $copyright_msg = <$readme>;

  my ($year) = $copyright_msg =~ /.*(\d{4,})/s
  or die "Year not found in README copyright message $copyright_msg";

  $year;
}
sub v_year
# returns the latest copyright year shown in perl -v
{
    my $output = runperl switches => ['-v'];
    my ($year) = $output =~ /copyright 1987.*\b\d\{4,\}\b/i
    or die "Copyright statement not found in perl -v output '$output'";
    $year;
}

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abstract: 'Build and install Perl modules'
author:
  - 'Ken Williams <kwilliams@cpan.org>'
  - "Development questions, bug reports, and patches should be sent to the
    Module-Build mailing list at <module-build@perl.org>.'
buildRequires:
  File::Temp: 0.15
  Test::Harness: 3.16
  Test::More: 0.49
generated_by: 'Module::Build version 0.3608'
license: gpl
meta-spec:
  url: http://module-build.sourceforge.net/META-spec-v1.4.html
  version: 1.4
name: Module-Build
resources:
  MailingList: mailto:module-build@perl.org
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  version: 3

1.1072 berkeley-db 5.3.28-11ubuntu0.1

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  http://code.google.com/p/libdnet/
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  http://www.pcre.org/
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1.1095 pam 1.1.8 3.2ubuntu2.1

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* /

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1013966702_1594214784.99/0/cron-3.0pl1-orig-tar-gz/cron-
  3.0pl1.orig/pathnames.h
* /opt/ws_local/PERMITS_SQL/1013966702_1594214784.99/0/cron-3.0pl1-orig-tar-gz/cron-3.0pl1.orig/compat.h
* /opt/ws_local/PERMITS_SQL/1013966702_1594214784.99/0/cron-3.0pl1-orig-tar-gz/cron-3.0pl1.orig/externs.h

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$Id: INSTALL,v 2.5 1994/01/15 20:43:43 vixie Exp $

Read the comments at the top of the Makefile, then edit the area marked
'configurable stuff'.

Edit config.h. The stuff I expect you to change is down a bit from the
top of the file, but it's clearly marked. Also look at pathnames.h.
You don't have to create the /var/cron or /var/cron/tabs directories, since both the daemon and the `crontab' program will do this the first time they run if they don't exist. You do need to have a /var, though -- just "mkdir /var" if you don't have one, or you can "mkdir /usr/var; ln -s /usr/var /var" if you expect your /var to have a lot of stuff in it.

You will also need /usr/local/etc and /usr/local/bin directories unless you change the Makefile. These will have to be created by hand, but if you are a long-time Usenet user you probably have them already. /usr/local/man is where I keep my man pages, but I have the source for `man' and you probably do not. Therefore you may have to put the man pages into /usr/man/manl, which will be hard since there will be name collisions. (Note that the man command was originally written by Bill Joy before he left Berkeley, and it contains no AT&T code, so it is in UUNET's archive of freely-distributable BSD code.)

LINUX note: /usr/include/paths.h on some linux systems shows _PATH_SENDMAIL to be /usr/bin/sendmail even though sendmail is installed in /usr/lib. you should check this out.

say:
make all

su and say:
make install

Note that if I can get you to "su and say" something just by asking, you have a very serious security problem on your system and you should look into it.

Edit your /usr/lib/crontab file into little pieces -- see the CONVERSION file for help on this.

Use the `crontab' command to install all the little pieces you just created. Some examples (see below before trying any of these!)

crontab -u uucp -r /usr/lib/uucp/crontab.src
crontab -u news -r /usr/lib/news/crontab.src
crontab -u root -r /usr/adm/crontab.src

Notes on above examples: (1) the .src files are copied at the time the command is issued; changing the source files later will have no effect until they are reinstalled with another `crontab -r' command. (2) The crontab command will affect the crontab of the person using the command unless `-u USER' is given; `-u' only works for root. When using most `su' commands under most BSD's, `crontab' will still think of you as yourself even though you may think of yourself as root -- so use `-u' liberally. (3) the `-r' option stands for 'replace'; check the man page for crontab(1) for other possibilities.
Kill your existing cron daemon -- do `ps aux' and look for /etc/cron.

Edit your /etc/rc or /etc/rc.local, looking for the line that starts up /etc/cron. Comment it out and add a line to start the new cron daemon -- usually /usr/local/etc/cron, unless you changed it in the Makefile.

Start up this cron daemon yourself as root. Just type /usr/local/etc/cron (or whatever); no `&' is needed since the daemon forks itself and the process you executed returns immediately.

ATT notes: for those people unfortunate enough to be stuck on a AT&T UNIX, you will need the public-domain "libndir", found in the B News source and in any comp.sources.unix archive. You will also need to hack the code some.

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1013966702_1594214784.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/INSTALL
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" 
" @(#).bitstring.35.1 (Berkeley) 12/13/89
" 

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* /opt/ws_local/PERMITS_SQL/1013966702_1594214784.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/bitstring.3
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* /opt/ws_local/PERMITS_SQL/1013966702_1594214784.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/crontab.c
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* /opt/ws_local/PERMITS_SQL/1013966702_1594214784.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/database.c
3.0pl1.orig/do_command.c
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$Id: crontab.5,v 2.4 1994/01/15 20:43:43 vixie Exp $

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

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<signature of Ty Coon>, 1 April 1989
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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.

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### 1.1112 sqlite 3.28.0-r3

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Version 3, 29 June 2007

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1.1117 python-certifi 2018.1.18 2
1.1117.1 Available under license:
This package contains a modified version of ca-bundle.crt:

c-a-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:
It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webserver for SSL client authentication. Just configure this file as the SSLCACertificateFile.#

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1.1118 lua 5.3.5 r2

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1.1119 curl 7.66.0-r1

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==============

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## c-ares
(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

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## zlib

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1.1120 expat 2.1.0-7ubuntu0.16.04.3

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1.1121 crda 3.18-1build1

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1.1122 lz4-java 1.6.0

1.1123 sysstat 11.6.1-1ubuntu0.1

1.1123.1 Available under license:

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* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-
jar/javassist/bytecode/annotation/CharMemberValue.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-
jar/javassist/bytecode/annotation/BooleanMemberValue.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-
jar/javassist/bytecode/annotation/ByteMemberValue.java
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jar/javassist/bytecode/annotation/DoubleMemberValue.java
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jar/javassist/bytecode/annotation/ShortMemberValue.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-
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jar/javassist/bytecode/annotation/Annotation.java
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jar/javassist/bytecode/annotation/ClassMemberValue.java
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jar/javassist/bytecode/annotation/MemberValueVisitor.java
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jar/javassist/bytecode/annotation/LongMemberValue.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-
jar/javassist/bytecode/annotation/StringMemberValue.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-
jar/javassist/bytecode/annotation/AnnotationMemberValue.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-
jar/javassist/bytecode/annotation/EnumMemberValue.java
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* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/CtNewConstructor.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/compiler/MemberResolver.java
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jar/javassist/scopedpool/SoftValueHashMap.java
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* /opt/cola/permits/110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/SourceFileAttribute.java
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* /opt/cola/permits/110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/convert/TransformNew.java
* /opt/cola/permits/110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar.javassist/Modifier.java
* /opt/cola/permits/110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/CodeAnalyzer.java
* /opt/cola/permits/110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/compiler/ast/Expr.java
* /opt/cola/permits/110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/analysis/Type.java
* /opt/cola/permits/110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/util/proxy/RuntimeSupport.java
* /opt/cola/permits/110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/DuplicateMemberException.java
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* /opt/cola/permits/110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/tools/rmi/ObjectNotFoundException.java
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* /opt/cola/permits/110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2.jar/javassist/NotFoundException.java
* /opt/cola/permits/110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2.jar/javassist/tools/reflect/Loader.java
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* /opt/cola/permits/110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2.jar/javassist/compiler/TransformFieldName.java
* /opt/cola/permits/110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2.jar/javassist/compiler/KeywordTable.java
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* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/tools/reflect/Reflection.java
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* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/tools/rmi/RemoteException.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/ClassPoolTail.java
1.1128 python-oauthlib 2.0.6-1

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1.1129 pycrypto 2.6.1-8ubuntu2

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1.1133 ubuntu-advantage-tools 17

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Appendix A Copying and indices

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Previous: <a href="index.html" accesskey="p" rel="prev">Top</a>, Up: <a href="index.html" accesskey="u" rel="up">Top</a> &nbsp; [ <a href="#SEC_Contents" title="Table of contents" rel="contents">Contents</a> ]<a href="index.html" title="Index" rel="index">Index</a> ]

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1.1139 elfutils 0.168

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1.1154 fping 4.2-r0
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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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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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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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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it
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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 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.

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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.

d) 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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It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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Appendix: How to Apply These Terms to Your New Libraries

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That's all there is to it!

1.1158 shim-signed
1.37~18.04.8+15+1552672080.a4a1fbe-0ubuntu2
1.1158.1 Available under license:

Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
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Upstream-Contact: Matthew Garrett <mjg@redhat.com>
Source: https://github.com/mjg59/shim.git

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1.1159 pflag 1.0.5

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1.1160 diffutils 3.6 1

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the interface presents a list of user commands or options, such as a 
menu, a prominent item in the list meets this criterion.


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.

A "Standard Interface" means an interface that either is an official 
standard defined by a recognized standards body, or, in the case of 
interfaces specified for a particular programming language, one that 
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The "System Libraries" of an executable work include anything, other 
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work) run the object code and to modify the work, including scripts to 
control those activities. However, it does not include the work's 
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programs which are used unmodified in performing those activities but 
which are not part of the work. For example, Corresponding Source 
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the work, and the source code for shared libraries and dynamically 
linked subprograms that the work is specifically designed to require, 
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AES in libhcrypto

Optimised ANSI C code for the Rijndael cipher (now AES)

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D3DES (V5.09) -

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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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If such an object file uses only numerical parameters, data
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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.

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1.1183 color 1.9.0

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```

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```
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@example
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1.1196 go-md2man 2.0.0

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1.1198 jctools-core 3.0.0

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
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org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util
org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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dns.c - Recursive, Reentrant DNS Resolver.

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1.1208 junit 4.10

1.1209 jackson-annotations 2.10.0.pr3

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======================================================================
The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_util.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
and the initial implementation of incremental propagation, including
the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in `\src\lib\gssapi\`, including the following files:

```
.. parsed-literal::

    lib/gssapi/generic/gssapi_err_generic.et
    lib/gssapi/mechglue/g_accept_sec_context.c
    lib/gssapi/mechglue/g_acquire_cred.c
    lib/gssapi/mechglue/g_canon_name.c
    lib/gssapi/mechglue/g_compare_name.c
    lib/gssapi/mechglue/g_context_time.c
    lib/gssapi/mechglue/g_delete_sec_context.c
    lib/gssapi/mechglue/g_dsp_name.c
    lib/gssapi/mechglue/g_dsp_status.c
    lib/gssapi/mechglue/g_dup_name.c
    lib/gssapi/mechglue/g_exp_sec_context.c
    lib/gssapi/mechglue/g_export_name.c
    lib/gssapi/mechglue/g_glue.c
    lib/gssapi/mechglue/g_imp_name.c
    lib/gssapi/mechglue/g_imp_sec_context.c
    lib/gssapi/mechglue/g_init_sec_context.c
    lib/gssapi/mechglue/g_initialize.c
    lib/gssapi/mechglue/g_inquire_context.c
    lib/gssapi/mechglue/g_inquire_cred.c
    lib/gssapi/mechglue/g_inquire_names.c
    lib/gssapi/mechglue/g_process_context.c
    lib/gssapi/mechglue/g_rel_buffer.c
    lib/gssapi/mechglue/g_rel_cred.c
    lib/gssapi/mechglue/g_rel_name.c
    lib/gssapi/mechglue/g_rel_oid_set.c
    lib/gssapi/mechglue/g_seal.c
    lib/gssapi/mechglue/g_sign.c
    lib/gssapi/mechglue/g_store_cred.c
    lib/gssapi/mechglue/g_unseal.c
    lib/gssapi/mechglue/g_userok.c
    lib/gssapi/mechglue/g_utils.c
    lib/gssapi/mechglue/g_verify.c
    lib/gssapi/mechglue/gssd_pname_to_uid.c
    lib/gssapi/mechglue/mglueP.h
    lib/gssapi/mechglue/oid_ops.c
    lib/gssapi/spnego/gssapiP_spnego.h
    lib/gssapi/spnego/spnego_mech.c
```

and the initial implementation of incremental propagation, including the following new or changed files:
include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kpropllog.c

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```
lib/gssapi/generic/gssapi_err_generic
```
g_initialize

lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
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lib/gssapi/mechglue/g_utils.c
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and the initial implementation of incremental propagation, including
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# and license statements in source code comments.

import os
import sys
import re

def warn(fname, ln, msg):
    print '%s: %d: %s' % (fname, ln + 1, msg)

def indicates_license(line):
    return 'Copyright' in line or 'COPYRIGHT' in line or 'License' in line

# Check a comment for boilerplate violations. Return true if the comment
# is a license statement.
def check_comment(comment, fname, ln, code_seen, nonlicense_seen):
    text_seen = False
    is_license = False
    for line in comment:
        if not is_license and indicates_license(line):
            is_license = True
        if text_seen:
            warn(fname, ln, 'License begins after first line of comment')
        elif code_seen:
            warn(fname, ln, 'License after code')
        elif nonlicense_seen:
            warn(fname, ln, 'License after non-license comments')
        break
# DB2 licenses start with '/*-' and we don't want to change them.
if line != "" and line != '-':
text_seen = True
return is_license

def check_file(lines, fname):
    # Skip emacs mode line if present.
    ln = 0
    if '-*- mode: c;' in lines[ln]:
        ln += 1

    # Check filename comment if present.
    m = re.match(r'\* ([^ ]*)( - .*)? */', lines[ln])
    if m:
        if m.group(1) != fname:
            warn(fname, ln, 'Wrong filename in comment')
        ln += 1

    # Scan for license statements.
    in_comment = False
code_seen = False
nonlicense_seen = False
for line in lines[ln:]:
    # Strip out whitespace and comments contained within a line.
    if not in_comment:
        line = re.sub(r'\*.*? */', '', line)
        line = line.strip()
        if not in_comment and '/*' in line:
            (line, sep, comment_part) = line.partition('/*')
            comment = [comment_part.strip()]
            comment_starts_at = ln
            in_comment = True
        elif in_comment and '*/' not in line:
            comment.append(line.lstrip('*').lstrip())
        elif in_comment:
            (comment_part, sep, line) = line.partition('*/')
            comment.append(comment_part.strip())
    is_license = check_comment(comment, fname, comment_starts_at,
                                 code_seen, nonlicense_seen)
    nonlicense_seen = nonlicense_seen or not is_license
    in_comment = False
    if line.strip() != '':
        code_seen = True
        ln += 1

for fname in sys.argv[1:]:
if fname.startswith('./'):
    fname = fname[2:]

f = open(fname)
lines = f.readlines()
f.close()
check_file(lines, fname)

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1.1211 bzip2 1.0.6 8
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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

1.1212 libalgorithmdiff-perl 1.19.03-1

1.1213 jackson-jaxrs-xml-provider 2.9.9

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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 commercially by FasterXML.com.

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in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

1.1214 mergo 0.3.7

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```
import: ../../../../fossene/db/schema/thing.yml
fields:
  site: string
  author: root

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1.1215 systemd 232-25+deb9u9

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1.1218 native-lib-loader 2.0.2

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1.1220 keyrings-alt 3.0-1

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1.1221 util-linux 2.33.2-r0

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

. The `grn' preprocessor, written by Barry Roitblat <barry@rentonww.com> and David Slattengren <slatteng@Xinet.COM>. These files have been part of the original Berkeley ditroff distribution, without AT&T code, and are in the public domain.

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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
    src/devices/xditview/lex.c
Macro Packages
---------------

. 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

. The -me macro set, using the BSD license.

  tmac/e.tmac
tmac/groff_me.man
doc/meintro.me
doc/meintro_fr.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.sv' is identical to the file `svhyph.tex', which can be found at


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. The files `tmac/hyphen.det' and `tmac/hyphen.den' contain the same patterns as the files `dehyph-x-2017-03-31.pat' and `dehyphn-x-2017-03-31.pat' (for TeX), respectively, which can be found at

http://ctan.org/tex-archive/language/hyphenation/dehyph-exptl

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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


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1.1225 bytebufferpool 1.0.0

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1.1226 checker-qual 2.8.1

1.1227 openssl 1.1.1d-r3

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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
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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
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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.

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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.

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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 reproducing the executable from it. However, as a special exception, the materials to be 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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1.1232 sysfsutils 2.1.0+repack-4build1

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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.

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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.)

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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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.

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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 *
* details. *
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M. Welsh, 6 July 1996

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be combined with the library in order to run.

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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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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.

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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.

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.

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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In other cases, permission to use a particular library in non-free
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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.

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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.)

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1.1246 openssl 1.1.1h
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Gadi Oxman, August 1995

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===================================================================
--- tmba.orig/tdb.c
+++ tmba/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
*/
/*
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trivial database library - standalone version

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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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Theodore Ts'o
23-June-2007

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That's all there is to it!
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/

From the original distribution:

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Upstream Author: Theodore Ts'o <tytso@mit.edu>

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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) $(OBJS))
$(MV) pic/$(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)

1.1248 libgpg-error 1.12-3.el7
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1.1250 util-linux 2.27.1-6ubuntu3.10

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Initialize empty image
f1c9645d5c14efddc7d8a3265f26eb bsd.img
Create new DOS partition table
57e721e38d126c2df055067c18f2cf9 bsd.img

---layout--------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout--------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Device Boot Start End Sectors Size Id Type
<removed>1 2048 4095 2048 1M 83 Linux

Create 2st primary partition
1bebfb7248e00d6e4e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8d5f1a88a045d23418dd73fbc bsd.img

---layout--------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: <removed>

<table>
<thead>
<tr>
<th>Device</th>
<th>Boot</th>
<th>Start</th>
<th>End</th>
<th>Sectors</th>
<th>Size</th>
<th>Id</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;removed&gt;1</td>
<td>2048</td>
<td>4095</td>
<td>2048</td>
<td>1M</td>
<td>83</td>
<td>8</td>
<td>Linux</td>
</tr>
<tr>
<td>&lt;removed&gt;2</td>
<td>4096</td>
<td>20479</td>
<td>16384</td>
<td>8M</td>
<td>a5</td>
<td>a5</td>
<td>FreeBSD</td>
</tr>
</tbody>
</table>

Create default BSD
2e1cee529cb59e9341afe0443f1961a bsd.img

---layout--------

Welcome to fdisk <removed>. Changes will remain in memory only, until you decide to write them. Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: bsd

<table>
<thead>
<tr>
<th>Slice</th>
<th>Start</th>
<th>End</th>
<th>Sectors</th>
<th>Size</th>
<th>Type</th>
<th>Fsize</th>
<th>Bsize</th>
<th>Cpg</th>
</tr>
</thead>
<tbody>
<tr>
<td>c</td>
<td>4096</td>
<td>20479</td>
<td>16384</td>
<td>8M</td>
<td>unused</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>d</td>
<td>0</td>
<td>16064</td>
<td>16065</td>
<td>7.9M</td>
<td>unused</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):

---layout--------

Welcome to fdisk <removed>. Changes will remain in memory only, until you decide to write them. Be careful before using the write command.
Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: bsd

<table>
<thead>
<tr>
<th>Slice</th>
<th>Start</th>
<th>End</th>
<th>Size</th>
<th>Type</th>
<th>Fsize</th>
<th>Bsize</th>
<th>Cpg</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>4096</td>
<td>6144</td>
<td>2049</td>
<td>1M 4.2BSD</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>c</td>
<td>4096</td>
<td>20479</td>
<td>16384</td>
<td>unused</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>d</td>
<td>0</td>
<td>16064</td>
<td>16065</td>
<td>7.9M unused</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):
-------------------

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help):
0 unused 5 4.1BSD 9 4.4LFS d boot
1 swap 6 Eighth Edition a unknown e ADOS
2 Version 6 7 4.2BSD b HPFS f HFS
3 Version 7 8 MS-DOS c ISO-9660 10 AdvFS
4 System V

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jseward@bzip.org
bzip2/libbzip2 version 1.0.4 of 20 December 2006

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Jean-loup Gailly        Mark Adler
jloup@gzip.org          madler@alumni.caltech.edu
The following list of people, sorted by last name, have contributed
code or patches to this implementation of sudo since I began
maintaining it in 1993. This list is known to be incomplete—if
you believe you should be listed, please send a note to sudo@sudo.ws.

Ackeret, Matt
Adler, Mark
Allbery, Russ
Anderson, Jamie
Andrew, Nick
Andric, Dimitry
Barron, Danny
Bates, Tom
Behan, Zdenk
Bellis, Ray
Benali, Elias
Beverly, Jamie
Boardman, Spider
Bostley, P.J.
Bowes, Keith
Boyce, Keith Garry
Brantley, Michael
Braun, Rob
Bezina, Pavel
Brooks, Piete
Brown, Jerry
Burr, Michael E
Burton, Ross
Bussjaeger, Andreas
Calvin, Gary
Campbell, Aaron
Chazelas, Stephane
ek, Vtzslav
Coleman, Chris
Corzine, Deven T.
Cusack, Frank
Dai, Wei
Dill, David
Earickson, Jeff
Eckhardt, Drew
Edgington, Ben
Esipovich, Marc
Espie, Marc
Faigon, Ariel
Farrell, Brian
Fobes, Steve
Frysinger, Mike
G., Daniel Richard
Gailly, Jean-loup
Gelman, Stephen
Gerraty, Simon J.
Graber, Stephane
Guillory, B.
Hayman, Randy M.
Henke, Joachim
Hideaki, YOSHIFUJI
Hieb, Dave
Holloway, Nick
Hooover, Adam
Hunter, Michael T.
Hutchings, Ben
Irrgang, Eric
Jackson, Brian
Jackson, John R.
Jackson, Richard L., Jr.
Janssen, Mark
Jepeway, Chris
Jorge, Joel Pele
Pele Jorge, Joel
Juhani, Timo
KIKUCHI, Ayamura
Kadow, Kevin
Kasal, Stepan
Kienenberger, Mike
King, Dale
King, Michael
Klyachkin, Andrey
Knoble, Jim
Knox, Tim
Komarnitsky, Alek O.
Kondrashov, Nikolai
Kopeek, Daniel
Kranenburg, Paul
Krause, David
Lakin, Eric
Larsen, Case
Levin, Dmitry V.
Libby, Kendall
Lobbes, Phillip E.
McIntyre, Jason
MacKenzie, David J.
McLaughlin, Tom
Makey, Jeff
Marchionna, Michael D.
Markham, Paul
Martinian, Emin
Meskes, Michael
Michael, David
Miller, Todd C.
Minier, Loc
Moffat, Darren
Moldung, Jan Thomas
Morris, Charles
Mueller, Andreas
Miller, Dworkin
Nieusma, Jeff
Nikitser, Peter A.
Nussel, Ludwig
Ouellet, Jean-Philippe
Paquet, Eric
Paradis, Chantal
Percival, Ted
Perera, Andres
Peron, Christian S.J.
Peschel, Aaron
Peslyak, Alexander
Peterson, Toby
Petten, Diego Elio
Pickett, Joel
Plotnick, Alex
de Raadt, Theo
Rasch, Gudleik
Reid, Steve
Richards, Matt
Rossum, Guido van
Rouillard, John P.
Rowe, William A., Jr.
Roy, Alain
Ruusame, Elan
Ryabinkin, Eygene
SATO, Yuichi
Sanchez, Wilfredo
Saucier, Jean-Francois
Schoenfeld, Patrick
Schuring, Arno
Schwarze, Ingo
Scott, Dougal
Sieger, Nick
Simon, Thor Lancelot
Slemko, Marc
Smith, Andy
Sobrado, Igor
Soulen, Steven
Spangler, Aaron
The following people have worked to translate sudo into other languages:

Blittermann, Mario
Bogusz, Jakub
Casagrande, Milo
Castro, Felipe
Chornoivan, Yuri
Diguez, Francisco
Ferreira, Rafael
Garca-Fontes, Walter
Gezer, Volkan
Hamasaki, Takeshi
Hamming, Peter
Hansen, Joe
Hantrais, Frdric
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Jerovek, Damir
1.1255 cairo 1.16.0-r2

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1.1269 libxcb 1.11.1 1ubuntu1

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1.1270 gdisk 1.0.3-1

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1.1272 grpc-context 1.19.0

1.1273 mergo 0.3.9

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ingo: ../../../../fossene/db/schema/thing.yml
fields:
site: string
author: root

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1.1274 ipvsadm 1.29-r0
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later. Check out the Linux Virtual Server Project home page on the
World Wide Web:
http://www.LinuxVirtualServer.org/
or
http://www.Linux-VS.org/
for the most recent information and original sources about ipvsadm.

To make, make sure your Linux kernel is already patched with IPVS and
"make menuconfig" or "make xconfig" to setup the right compiling options,
see the README of the virtual server patch for detail, then simply type
make
in the source directory.
Install to your liking. We suggest the following pathnames:
/sbin/ipvsadm
/usr/man/man8/ipvsadm.8
This will be done automatically when calling
make install
in the source directory.

Wensong Zhang <wensong@linuxvirtualserver.org>

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Step 3: Code Hunting

If you plan to submit a feature or bug fix to Gophercloud, you must be 
able to prove your code correctly works with the OpenStack service in 
question.

Let's use the following issue as an example: 
In this issue, there's a request being made to add support for 
`availability_zone_hints` to the `networking/v2/networks` package. 
Meaning, we want to change:
```go
type Network struct {
ID            string `json:"id"`
Name          string `json:"name"`
AdminStateUp  bool  `json:"admin_state_up"`
Status        string `json:"status"`
Subnets       []string `json:"subnets"`
TenantID      string `json:"tenant_id"`
Shared        bool  `json:"shared"`
AvailabilityZoneHints []string `json:"availability_zone_hints"`
}
```

We need to be sure that `availability_zone_hints` is a field which really does exist in the OpenStack Neutron project and it's not a field which was added as a customization to a single OpenStack cloud.

In addition, we need to ensure that `availability_zone_hints` is really a `[]string` and not a different kind of type.

One way of verifying this is through the [OpenStack API reference documentation](https://developer.openstack.org/api-ref/network/v2/).

However, the API docs might either be incorrect or they might not provide all of the details we need to know in order to ensure this field is added correctly.

> Note: when we say the API docs might be incorrect, we are _not_ implying that the API docs aren't useful or that the contributors who work on the API docs are wrong. OpenStack moves fast. Typos happen. Forgetting to update documentation happens.

Since the OpenStack service itself correctly accepts and processes the fields, the best source of information on how the field works is in the service code itself.
Continuing on with using #621 as an example, we can find the definition of `availability_zone_hints` in the following piece of code:

https://github.com/openstack/neutron/blob/8e9959725eda4063a318b4ba6af1e3494cad9e35/neutron/objects/network.py#L191

The above code confirms that `availability_zone_hints` is indeed part of the `Network` object and that its type is a list of strings (`[string]`).

This example is a best-case situation: the code is relatively easy to find and it's simple to understand. However, there will be times when proving the implementation in the service code is difficult. Make no mistake, this is _not_ fun work. This can sometimes be more difficult than writing the actual patch for Gophercloud. However, this is an essential step to ensuring the feature or bug fix is correctly added to Gophercloud.

Examples of good code hunting can be seen here:

* https://github.com/gophercloud/gophercloud/issues/539
* https://github.com/gophercloud/gophercloud/issues/555
* https://github.com/gophercloud/gophercloud/issues/571
* https://github.com/gophercloud/gophercloud/issues/583
* https://github.com/gophercloud/gophercloud/issues/605

Code Hunting Tips

OpenStack projects differ from one to another. Code is organized in different ways. However, the following tips should be useful across all projects.

* The logic which implements Create and Delete actions is usually either located in the "model" or "controller" portion of the code.

* Use Github's search box to search for the exact field you're working on. Review all results to gain a good understanding of everywhere the field is used.

* When adding a field, look for an object model or a schema of some sort.

---

Proceed to [Step 4](step-04-acceptance-testing.md) to learn about Acceptance Testing.

package RESOURCE

import "github.com/gophercloud/gophercloud"
func listURL(client *gophercloud.ServiceClient) string {
    return client.ServiceURL("resource")
}

func getURL(client *gophercloud.ServiceClient, id string) string {
    return client.ServiceURL("resource", id)
}

func createURL(client *gophercloud.ServiceClient) string {
    return client.ServiceURL("resource")
}

func deleteURL(client *gophercloud.ServiceClient, id string) string {
    return client.ServiceURL("resource", id)
}

func updateURL(client *gophercloud.ServiceClient, id string) string {
    return client.ServiceURL("resource", id)
}

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Step 2: Create an Issue

Every patch / Pull Request requires a corresponding issue. If you're fixing
a bug for an existing issue, then there's no need to create a new issue.

However, if no prior issue exists, you must create an issue.

Reporting a Bug

When reporting a bug, please try to provide as much information as you
can.

The following issues are good examples for reporting a bug:

* https://github.com/gophercloud/gophercloud/issues/108
* https://github.com/gophercloud/gophercloud/issues/212
* https://github.com/gophercloud/gophercloud/issues/424
* https://github.com/gophercloud/gophercloud/issues/588
* https://github.com/gophercloud/gophercloud/issues/629
* https://github.com/gophercloud/gophercloud/issues/647

Feature Request

If you've noticed that a feature is missing from Gophercloud, you'll also
need to create an issue before doing any work. This is to start a discussion
about whether or not the feature should be included in Gophercloud. We don't
want to see you put in hours of work only to learn that the feature is out of
Feature requests can come in different forms:

### Adding a Feature to Gophercloud Core

The "core" of Gophercloud is the code which supports API requests and responses: pagination, error handling, building request bodies, and parsing response bodies are all examples of core code.

Modifications to core will usually have the most amount of discussion than other requests since a change to core will affect _all_ of Gophercloud.

The following issues are examples of core change discussions:

- https://github.com/gophercloud/gophercloud/issues/310
- https://github.com/gophercloud/gophercloud/issues/613
- https://github.com/gophercloud/gophercloud/issues/729
- https://github.com/gophercloud/gophercloud/issues/713

### Adding a Missing Field

If you've found a missing field in an existing struct, submit an issue to request having it added. These kinds of issues are pretty easy to report and resolve.

You should also provide a link to the actual service's Python code which defines the missing field.

The following issues are examples of missing fields:

- https://github.com/gophercloud/gophercloud/issues/620
- https://github.com/gophercloud/gophercloud/issues/621
- https://github.com/gophercloud/gophercloud/issues/658

There's one situation which can make adding fields more difficult: if the field is part of an API extension rather than the base API itself. An example of this can be seen in [this](https://github.com/gophercloud/gophercloud/issues/749) issue.

Here, a user reported fields missing in the `Get` function of `networking/v2/networks`. The fields reported missing weren't missing at all, they're just part of various Networking extensions located in `networking/v2/extensions`.

### Adding a Missing API Call

If you've found a missing API action, create an issue with details of
the action. For example:

* https://github.com/gophercloud/gophercloud/issues/715
* https://github.com/gophercloud/gophercloud/issues/719

You'll want to make sure the API call is part of the upstream OpenStack project and not an extension created by a third-party or vendor. Gophercloud only supports the OpenStack projects proper.

### Adding a Missing API Suite

Adding support to a missing suite of API calls will require more than one Pull Request. However, you can use a single issue for all PRs.

Examples of issues which track the addition of a missing API suite are:

* https://github.com/gophercloud/gophercloud/issues/539
* https://github.com/gophercloud/gophercloud/issues/555
* https://github.com/gophercloud/gophercloud/issues/571
* https://github.com/gophercloud/gophercloud/issues/583
* https://github.com/gophercloud/gophercloud/issues/605

Note how the issue breaks down the implementation by request types (Create, Update, Delete, Get, List).

Also note how these issues provide links to the service's Python code. These links are not required for _issues_, but it's usually a good idea to provide them, anyway. These links _are required_ for PRs and that will be covered in detail in a later step of this tutorial.

### Adding a Missing OpenStack Project

These kinds of feature additions are large undertakings. Adding support for an entire OpenStack project is something the Gophercloud team very much appreciates, but you should be prepared for several weeks of work and interaction with the Gophercloud team.

An example of how to create an issue for an entire project can be seen here:

* https://github.com/gophercloud/gophercloud/issues/723

---

With all of the above in mind, proceed to [Step 3](step-03-code-hunting.md) to learn about Code Hunting.
Step 4: Acceptance Testing

==================================
If we haven't started working on the feature or bug fix, why are we talking about Acceptance Testing now?

Before you implement a feature or bug fix, you _must_ be able to test your code in a working OpenStack environment. Please do not submit code which you have only tested with offline unit tests.

Blindly submitting code is dangerous to the Gophercloud project. Developers from all over the world use Gophercloud in many different projects. If you submit code which is untested, it can cause these projects to break or become unstable.

And, to be frank, submitting untested code will inevitably cause someone else to have to spend time fixing it.

If you don't have an OpenStack environment to test with, we have lots of documentation [here](/acceptance) to help you build your own small OpenStack environment for testing.

---

Once you've confirmed you are able to test your code, proceed to [Step 5](step-05-pull-requests.md) to (finally!) start working on a Pull Request.

Step 7: Congratulations!

At this point your code is merged and you've either fixed a bug or added a new feature to Gophercloud!

We completely understand that this has been a long process. We appreciate your patience as well as the time you have taken for working on this. You've made Gophercloud a better project with your work.

package RESOURCE

```go
import (
    "github.com/gophercloud/gophercloud"
    "github.com/gophercloud/gophercloud/pagination"
)

// ListOptsBuilder allows extensions to add additional parameters to
// the List request
type ListOptsBuilder interface {
    ToResourceListQuery() (string, error)
}

// ListOpts provides options to filter the List results.
```
type ListOpts struct {
    // ToResourceListQuery formats a ListOpts into a query string.
    ToResourceListQuery() (string, error) {
        q, err := gophercloud.BuildQueryString(ListOpts)
        return q, err
    }
}

// List retrieves a list of RESOURCES.
func List(client *gophercloud.ServiceClient, opts ListOptsBuilder) pagination.Pager {
    url := listURL(client)
    if opts != nil {
        query, err := opts.ToResourceListQuery()
        if err != nil {
            return pagination.Pager{Err: err}
        }
        url += query
    }
        return ResourcePage{pagination.LinkedPageBase{PageResult: r}}
    })
}

// Get retrieves details of a RESOURCE.
func Get(client *gophercloud.ServiceClient, id string) (r GetResult) {
    _, r.Err = client.Get(getURL(client, id), &r.Body, nil)
    return
}

// CreateOptsBuilder allows extensions to add additional parameters to
// the Create request.
type CreateOptsBuilder interface {
    ToResourceCreateMap() (map[string]interface{}, error)
}

// CreateOpts provides options used to create a RESOURCE.
type CreateOpts struct {
    // ToResourceCreateMap formats a CreateOpts into a create request.
    ToResourceCreateMap() (map[string]interface{}, error) {
        return gophercloud.BuildRequestBody(CreateOpts, "resource")
    }
}

// Create creates a new RESOURCE.
func Create(client *gophercloud.ServiceClient, opts CreateOptsBuilder) (r CreateResult) {
    b, err := opts.ToResourceCreateMap()
    return
}
if err != nil {
    r.Err = err
    return
}
_, r.Err = client.Post(createURL(client), &b, &r.Body, &gophercloud.RequestOpts{
    OkCodes: []int{201},
})
return
}

// Delete deletes a RESOURCE.
func Delete(client *gophercloud.ServiceClient, id string) (r DeleteResult) {
    _, r.Err = client.Delete(deleteURL(client, id), nil)
    return
}

// UpdateOptsBuilder allows extensions to add additional parameters to
// the Update request.
type UpdateOptsBuilder interface {
    ToResourceUpdateMap() (map[string]interface{}, error)
}

// UpdateOpts represents parameters to update a RESOURCE.
type UpdateOpts struct {
}

// ToUpdateCreateMap formats a UpdateOpts into an update request.
func (opts UpdateOpts) ToResourceUpdateMap() (map[string]interface{}, error) {
    return gophercloud.BuildRequestBody(opts, "resource")
}

// Update modifies the attributes of a RESOURCE.
func Update(client *gophercloud.ServiceClient, id string, opts UpdateOptsBuilder) (r UpdateResult) {
    b, err := opts.ToResourceUpdateMap()
    if err != nil {
        r.Err = err
        return
    }
    _, r.Err = client.Patch(updateURL(client, id), b, &r.Body, &gophercloud.RequestOpts{
        OkCodes: []int{200},
    })
    return
}

package testing

import {
    "fmt"
    "net/http"
"testing"

"github.com/gophercloud/gophercloud/openstack/service/vN/resources"

th "github.com/gophercloud/gophercloud/testhelper"
"github.com/gophercloud/gophercloud/testhelper/client"

// ListResult provides a single page of RESOURCE results.
const ListResult = `{ `
  ` `
}

// GetResult provides a Get result.
const GetResult = `{ `
  ` `
}

// CreateRequest provides the input to a Create request.
const CreateRequest = `{ `
  ` `
}

// UpdateRequest provides the input to an Update request.
const UpdateRequest = `{ `
  ` `
}

// UpdateResult provides an update result.
const UpdateResult = `{ `
  ` `
}

// FirstResource is the first resource in the List request.
var FirstResource = resources.Resource{}

// SecondResource is the second resource in the List request.
var SecondResource = resources.Resource{}

// SecondResourceUpdated is how SecondResource should look after an Update.
var SecondResourceUpdated = resources.Resource{}

// ExpectedResourcesSlice is the slice of resources expected to be returned from ListResult.
var ExpectedResourcesSlice = []resources.Resource{FirstResource, SecondResource}
// HandleListResourceSuccessfully creates an HTTP handler at `resources` on the test handler mux that responds with a list of two resources.
func HandleListResourceSuccessfully(t *testing.T) {
th.Mux.HandleFunc("/resources", func(w http.ResponseWriter, r *http.Request) {
    th.TestMethod(t, r, "GET")
    th.TestHeader(t, r, "Accept", "application/json")
    th.TestHeader(t, r, "X-Auth-Token", client.TokenID)

    w.Header().Set("Content-Type", "application/json")
    w.WriteHeader(http.StatusOK)
    fmt.Fprintf(w, ListResult)
})
}

// HandleGetResourceSuccessfully creates an HTTP handler at `resources` on the test handler mux that responds with a single resource.
func HandleGetResourceSuccessfully(t *testing.T) {
th.Mux.HandleFunc("/resources/9fe1d3", func(w http.ResponseWriter, r *http.Request) {
    th.TestMethod(t, r, "GET")
    th.TestHeader(t, r, "Accept", "application/json")
    th.TestHeader(t, r, "X-Auth-Token", client.TokenID)

    w.Header().Set("Content-Type", "application/json")
    w.WriteHeader(http.StatusOK)
    fmt.Fprintf(w, GetResult)
})
}

// HandleCreateResourceSuccessfully creates an HTTP handler at `resources` on the test handler mux that tests resource creation.
func HandleCreateResourceSuccessfully(t *testing.T) {
th.Mux.HandleFunc("/resources", func(w http.ResponseWriter, r *http.Request) {
    th.TestMethod(t, r, "POST")
    th.TestHeader(t, r, "X-Auth-Token", client.TokenID)
    th.TestJSONRequest(t, r, CreateRequest)
    w.WriteHeader(http.StatusCreated)
    fmt.Fprintf(w, GetResult)
})
}

// HandleDeleteResourceSuccessfully creates an HTTP handler at `resources` on the test handler mux that tests resource deletion.
func HandleDeleteResourceSuccessfully(t *testing.T) {
th.Mux.HandleFunc("/resources/9fe1d3", func(w http.ResponseWriter, r *http.Request) {
    th.TestMethod(t, r, "DELETE")
    th.TestHeader(t, r, "X-Auth-Token", client.TokenID)
    th.TestJSONRequest(t, r, CreateRequest)
    w.WriteHeader(http.StatusCreated)
    fmt.Fprintf(w, GetResult)
})
}
w.WriteHeader(http.StatusNoContent)
)

// HandleUpdateResourceSuccessfully creates an HTTP handler at `/resources` on the
// test handler mux that tests resource update.
func HandleUpdateResourceSuccessfully(t *testing.T) {
th.Mux.HandleFunc(`/resources/9fe1d3`, func(w http.ResponseWriter, r *http.Request) {
th.TestMethod(t, r, "PATCH")
th.TestHeader(t, r, "X-Auth-Token", client.TokenID)
th.TestJSONRequest(t, r, UpdateRequest)

w.WriteHeader(http.StatusOK)
fmt.Fprintf(w, UpdateResult)
})

package RESOURCE

import (
    "github.com/gophercloud/gophercloud"
    "github.com/gophercloud/gophercloud/pagination"
)

// RESOURCE represents...
type Resource struct {
}

type commonResult struct {
    gophercloud.Result
}

// GetResult is the response from a Get operation. Call its Extract method
// to interpret it as a RESOURCE.
type GetResult struct {
    commonResult
}

// CreateResult is the response from a Create operation. Call its Extract method
// to interpret it as a RESOURCE.
type CreateResult struct {
    commonResult
}

// DeleteResult is the response from a Delete operation. Call its ExtractErr to
// determine if the request succeeded or failed.
type DeleteResult struct {
    gophercloud.ErrResult
}
type UpdateResult struct {
    commonResult
}

// ResourcePage is a single page of RESOURCE results.
type ResourcePage struct {
    pagination.LinkedPageBase
}

// IsEmpty determines whether or not a page of RESOURCES contains any results.
func (r ResourcePage) IsEmpty() (bool, error) {
    resources, err := ExtractResources(r)
    return len(resources) == 0, err
}

// NextPageURL extracts the "next" link from the links section of the result.
func (r ResourcePage) NextPageURL() (string, error) {
    var s struct {
        Links struct {
            Next string `json:"next"
            Previous string `json:"previous"
        } `json:"links"
    }
    err := r.ExtractInto(&s)
    if err != nil {
        return "", err
    }
    return s.Links.Next, err
}

// ExtractResources returns a slice of Resources contained in a single page of
// results.
func ExtractResources(r pagination.Page) ([]Resource, error) {
    var s struct {
        Resources []Resource `json:"resources"
    }
    err := (r.(ResourcePage)).ExtractInto(&s)
    return s.Resources, err
}

// Extract interprets any commonResult as a Resource.
func (r commonResult) Extract() (*Resource, error) {
    var s struct {
        Resource *Resource `json:"resource"
    }
    err := r.ExtractInto(&s)
    return s.Resource, err
}
Package NAME manages and retrieves RESOURCE in the OpenStack SERVICE Service.

Example to List RESOURCE

Example to Create a RESOURCE

Example to Update a RESOURCE

Example to Delete a RESOURCE

*/
package RESOURCE
Step 6: Code Review

Once you've submitted a Pull Request, three things will happen automatically:

1. Travis-CI will run a set of simple tests:
   a. Unit Tests
   b. Code Formatting checks
   c. `go vet` checks

2. Coveralls will run a coverage test.
3. [OpenLab](https://openlabtesting.org/) will run acceptance tests.

Depending on the results of the above, you might need to make additional changes to your code.

While you're working on the finishing touches to your code, it is helpful to add a `\[wip\]` tag to the title of your Pull Request.

You are most welcomed to take as much time as you need to work on your Pull Request. As well, take advantage of the automatic testing that is done to each commit.

### Travis-CI

If Travis reports code formatting issues, please make sure to run `gofmt` on all of your code. Travis will also report errors with unit tests, so you should ensure those are fixed, too.
### Coveralls

If Coveralls reports a decrease in test coverage, check and make sure you have provided unit tests. A decrease in test coverage is _sometimes_ unavoidable and ignorable.

### OpenLab

OpenLab does not yet run a full suite of acceptance tests, so it's possible that the acceptance tests you've included were not run. When this happens, a core member for Gophercloud will run the tests manually.

There are times when a core reviewer does not have access to the resources required to run the acceptance tests. When this happens, it is essential that you've run them yourself (See [Step 4](step-04.md)).

Request a Code Review
---------------------

When you feel your Pull Request is ready for review, please leave a comment requesting a code review. If you don't explicitly ask for a code review, a core member might not know the Pull Request is ready for review.

Additionally, if there are parts of your implementation that you are unsure about, please ask for help. We're more than happy to provide advice.

During the code review process, a core member will review the code you've submitted and either request changes or request additional information. Generally these requests fall under the following categories:

1. Code which needs to be reformatted (See our [Style Guide](/docs/STYLEGUIDE.md) for conventions used).

2. Requests for additional information about the validity of something. This might happen because the included supporting service code URLs don't have enough information.

3. Missing unit tests or acceptance tests.

Submitting Changes
------------------

If a code review requires changes to be submitted, please do not squash your commits. Please only add new commits to the Pull Request. This is to help the code reviewer see only the changes that were made.

It's Never Personal
Code review is a healthy exercise where a new set of eyes can sometimes spot items forgotten by the author.

Please don't take change requests personally. Our intention is to ensure the code is correct before merging.

---

Once the code has been reviewed and approved, a core member will merge your Pull Request.

Please proceed to [Step 7](step-07-congratulations.md).

Contributor Tutorial

This tutorial is to help new contributors become familiar with the processes used by the Gophercloud team when adding a new feature or fixing a bug.

While we have a defined process for working on Gophercloud, we're very mindful that everyone is new to this in the beginning. Please reach out for help or ask for clarification if needed. No question is ever "dumb" or not worth our time answering.

To begin, go to [Step 1](step-01-introduction.md).

Step 1: Read Our Guides

There are two introductory guides you should read before proceeding:

* [CONTRIBUTING](/.github/CONTRIBUTING.md): The Contributing guide is a detailed document which describes the different ways you can contribute to Gophercloud and how to get started. This tutorial you're reading is very similar to that guide, but presented in a different way. We still recommend you read it over.

* [STYLE](/docs/STYLEGUIDE.md): The Style Guide documents coding conventions used in the Gophercloud project.

---

When you've finished reading those guides, proceed to [Step 2](step-02-issues.md).

package testing

```go
import (  
"testing"

"github.com/gophercloud/gophercloud/openstack/service/vN/resources"
```
"github.com/gophercloud/gophercloud/pagination"
"github.com/gophercloud/gophercloud/testhelper"
"github.com/gophercloud/gophercloud/testhelper/client"
)

func TestListResources(t *testing.T) {
    th.SetupHTTP()
    defer th.TeardownHTTP()
    HandleListResourcesSuccessfully(t)

    count := 0
        count++
        actual, err := resources.ExtractResources(page)
        th.AssertNoErr(t, err)
        th.AssertDeepEquals(t, ExpectedResourcesSlice, actual)
        return true, nil
    })
    th.AssertNoErr(t, err)
    th.AssertEquals(t, count, 1)
}

func TestListResourcesAllPages(t *testing.T) {
    th.SetupHTTP()
    defer th.TeardownHTTP()
    HandleListResourcesSuccessfully(t)

    allPages, err := resources.List(client.ServiceClient(), nil).AllPages()
    th.AssertNoErr(t, err)
    actual, err := resources.ExtractResources(allPages)
    th.AssertNoErr(t, err)
    th.AssertDeepEquals(t, ExpectedResourcesSlice, actual)
}

func TestGetResource(t *testing.T) {
    th.SetupHTTP()
    defer th.TeardownHTTP()
    HandleGetResourceSuccessfully(t)

    actual, err := resources.Get(client.ServiceClient(), "9fe1d3").Extract()
    th.AssertNoErr(t, err)
}

func TestCreateResource(t *testing.T) {
th.SetupHTTP()
defer th.TeardownHTTP()
HandleCreateResourceSuccessfully(t)

createOpts := resources.CreateOpts{
    Name: "resource two",
}

actual, err := resources.Create(client.ServiceClient(), createOpts).Extract()
th.AssertNoErr(t, err)
}

func TestDeleteResource(t *testing.T) {
    th.SetupHTTP()
    defer th.TeardownHTTP()
    HandleDeleteResourceSuccessfully(t)

    res := resources.Delete(client.ServiceClient(), "9fe1d3")
    th.AssertNoErr(t, res.Err)
}

func TestUpdateResource(t *testing.T) {
    th.SetupHTTP()
    defer th.TeardownHTTP()
    HandleUpdateResourceSuccessfully(t)

    updateOpts := resources.UpdateOpts{
        Description: "Staging Resource",
    }

    actual, err := resources.Update(client.ServiceClient(), "9fe1d3", updateOpts).Extract()
    th.AssertNoErr(t, err)
    th.AssertDeepEquals(t, SecondResourceUpdated, *actual)
}

Step 5: Writing the Code

At this point, you should have:

- [x] Identified a feature or bug fix
- [x] Opened an Issue about it
- [x] Located the project's service code which validates the feature or fix
- [x] Have an OpenStack environment available to test with

Now it's time to write the actual code! We recommend reading over the
[CONTRIBUTING](.github/CONTRIBUTING.md) guide again as a refresh. Notably
the [Getting Started](.github/CONTRIBUTING.md#getting-started) section will
help you set up a `git` repository correctly.

We encourage you to browse the existing Gophercloud code to find examples of similar implementations. It would be a _very_ rare occurrence for you to be implementing something that hasn't already been done.

Use the existing packages as templates and mirror the style, naming, and logic.

Types of Pull Requests
----------------------

The amount of changes you plan to make will determine how much code you should submit as Pull Requests.

### A Single Bug Fix

If you're implementing a single bug fix, then creating one `git` branch and submitting one Pull Request is fine.

### Adding a Single Field

If you're adding a single field, then a single Pull Request is also fine. See [#662](https://github.com/gophercloud/gophercloud/pull/662) as an example of this.

If you plan to add more than one missing field, you will need to open a Pull Request for _each_ field.

### Adding a Single API Call

Single API calls can also be submitted as a single Pull Request. See [#722](https://github.com/gophercloud/gophercloud/pull/722) as an example of this.

### Adding a Suite of API Calls

If you're adding support for a "suite" of API calls (meaning: Create, Update, Delete, Get), then you will need to create one Pull Request for _each_ call.

The following Pull Requests are good examples of how to do this:

* https://github.com/gophercloud/gophercloud/pull/584
* https://github.com/gophercloud/gophercloud/pull/586
* https://github.com/gophercloud/gophercloud/pull/587
* https://github.com/gophercloud/gophercloud/pull/594

You can also use the provided [template](/docs/contributor-tutorial/.template)
as it contains a lot of the repeated boiler plate code seen in each resource. However, please make sure to thoroughly review and edit it as needed. Leaving templated portions in-place might be interpreted as rushing through the work and will require further rounds of review to fix.

### Adding an Entire OpenStack Project

To add an entire OpenStack project, you must break each set of API calls into individual Pull Requests. Implementing an entire project can be thought of as implementing multiple API suites.

An example of this can be seen from the Pull Requests referenced in [#723](https://github.com/gophercloud/gophercloud/issues/723).

What to Include in a Pull Request
---------------------------------

Each Pull Request should contain the following:

1. The actual Go code to implement the feature or bug fix
2. Unit tests
3. Acceptance tests
4. Documentation

Whether you want to bundle all of the above into a single commit or multiple commits is up to you. Use your preferred style.

### Unit Tests

Unit tests should provide basic validation that your code works as intended.

Please do not use JSON fixtures from the API reference documentation. Please generate your own fixtures using the OpenStack environment you're testing with.

### Acceptance Tests

Since unit tests are not run against an actual OpenStack environment, acceptance tests can arguably be more important. The acceptance tests that you include in your Pull Request should confirm that your implemented code works as intended with an actual OpenStack environment.

### Documentation

All documentation in Gophercloud is done through in-line `godoc`. Please make sure to document all fields, functions, and methods appropriately. In addition, each package has a `doc.go` file which should be created or amended with details of your Pull Request, where appropriate.
Dealing with Related Pull Requests
----------------------------------

If you plan to open more than one Pull Request, it's only natural that code from one Pull Request will be dependent on code from the prior Pull Request.

There are two methods of handling this:

### Create Independent Pull Requests

With this method, each Pull Request has all of the code to fully implement the code in question. Each Pull Request can be merged in any order because it's self contained.

Use the following `git` workflow to implement this method:

```
```
shell
$ git checkout master
$ git pull
$ git checkout -b identityv3-regions-create
$(write your code)
$ git add .
$ git commit -m "Implementing Regions Create"

$ git checkout master
$ git checkout -b identityv3-regions-update
$(write your code)
$ git add .
$ git commit -m "Implementing Regions Update"
```

Advantages of this Method:

* Pull Requests can be merged in any order
* Additional commits to one Pull Request are independent of other Pull Requests

Disadvantages of this Method:

* There will be _a lot_ of duplicate code in each Pull Request
* You will have to rebase all other Pull Requests and resolve a good amount of merge conflicts.

### Create a Chain of Pull Requests

With this method, each Pull Request is based off of a previous Pull Request. Pull Requests will have to be merged in a specific order since there is a defined relationship.
Use the following `git` workflow to implement this method:

```shell
$ git checkout master
$ git pull
$ git checkout -b identityv3-regions-create
$ (write your code)
$ git add .
$ git commit -m "Implementing Regions Create"

$ git checkout -b identityv3-regions-update
$ (write your code)
$ git add .
$ git commit -m "Implementing Regions Update"
```

Advantages of this Method:

* Each Pull Request becomes smaller since you are building off of the last

Disadvantages of this Method:

* If a Pull Request requires changes, you will have to rebase _all_ child
  Pull Requests based off of the parent.

The choice of method is up to you.

---

Once you have your code written, submit a Pull Request to Gophercloud and
proceed to [Step 6](step-06-code-review.md).

---

1.1283 dns 1.1.6

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func initBsdClause2() {
    Licenses["freebsd"] = License{
        Name: "Simplified BSD License",
        PossibleMatches: []string{"freebsd", "simpbsd", "simple bsd", "2-clause bsd",
        "2 clause bsd", "simplified bsd license"},
        Header: `All rights reserved.
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    Licenses["gpl2"] = License{
        Name: "GNU General Public License 2.0",
        PossibleMatches: []string{"gpl2", "gnu gpl2", "gplv2"},
        Header: `
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        Name: "GNU General Public License 3.0",
        PossibleMatches: []string{"gpl3", "gplv3", "gpl", "gnu gpl3", "gnu gpl"},
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cd

func initBsdClause3() {
    Licenses["bsd"] = License{
        Name: "New BSD",
        PossibleMatches: []string{"bsd", "newbsd", "3 clause bsd", "3-clause bsd"},
        Header: "All rights reserved.
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  Licenses["lgpl"] = License{
    Name:            "GNU Lesser General Public License",
    PossibleMatches: []string{"lgpl", "lesser gpl", "gnu lgpl"},
    Header: `This program is free software: you can redistribute it and/or modify
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package cmd

import (  
    "strings"  
    "time"
    
    "github.com/spf13/viper"
)

var Licenses = make(map[string]License)

func init() {  
    initApache2()  
    initMit()  
    initBsdClause3()  
    initBsdClause2()  
    initGpl2()  
    initGpl3()  
    initLgpl()  
    initAgpl()
    
    // getLicense returns license specified by user in flag or in config.  
    // If user didn't specify the license, it returns Apache License 2.0.  
    //  
    // TODO: Inspect project for existing license
func getLicense() License {
    // If explicitly flagged, use that.
    if userLicense != "" {
        return findLicense(userLicense)
    }

    // If user wants to have custom license, use that.
    if viper.IsSet("license.header") || viper.IsSet("license.text") {
        return License{Header: viper.GetString("license.header"),
                       Text: viper.GetString("license.text")}
    }

    // If user wants to have built-in license, use that.
    if viper.IsSet("license") {
        return findLicense(viper.GetString("license"))
    }

    // If user didn't set any license, use Apache 2.0 by default.
    return Licenses["apache"]
}

func copyrightLine() string {
    author := viper.GetString("author")
    year := viper.GetString("year") // For tests.
    if year == "" {
        year = time.Now().Format("2006")
    }

    return "Copyright " + year + " " + author
}

// findLicense looks for License object of built-in licenses.
// If it didn't find license, then the app will be terminated and
// error will be printed.
func findLicense(name string) License {
    found := matchLicense(name)
    if found == "" {
        return Licenses[found]
    }
    er("unknown license: " + name)
}

// matchLicense compares the given a license name
// to PossibleMatches of all built-in licenses.
// If it returns blank string, if name is blank string or it didn't find
// then appropriate match to name.
func matchLicense(name string) string {

if name == "" {
    return ""
}

for key, lic := range Licenses {
    for _, match := range lic.PossibleMatches {
        if strings.EqualFold(name, match) {
            return key
        }
    }
}

return ""

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package cmd

func initAgpl() {
    Licenses["agpl"] = License{

Name: "GNU Affero General Public License",
PossibleMatches: [string("agpl", "affero gpl", "gnu agpl")].

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package cmd

func initApache2() {
    Licenses["apache"] = License{
        Name: "Apache 2.0",
        PossibleMatches: []string{"apache", "apache20", "apache 2.0", "apache2.0", "apache-2.0"},
        Header: 'Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

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func initMit() {
    Licenses["mit"] = License{
        Name:        "MIT License",
        PossibleMatches: []string{"mit"},
        Header: `Permission is hereby granted, free of charge, to any person obtaining a copy
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1.1300 pillow 5.1.0-1ubuntu0.3

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Name: custompalette
Columns: 4
#
0 0 0 Index 3
65 38 30 Index 4
103 62 49 Index 6
79 73 72 Index 7
114 101 97 Index 8
208 127 100 Index 9
151 144 142 Index 10
221 207 199 Index 11

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GIMP Palette
Name: badpaletteentry
Columns: 4
#
0 0 0 Index 3
65 38
103 62 49 Index 6
79 73 72 Index 7
114 101 97 Index 8
208 127 100 Index 9
151 144 142 Index 10
221 207 199 Index 11

GIMP Palette
Name: Test
Columns: 0
#

GIMP Palette
Name: badpalettefile
Columns: 4
#
NotoNastaliqUrdu-Regular.ttf:

(from https://github.com/googlei18n/noto-fonts)

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10x20-ISO8859-1.pcf

(from https://packages.ubuntu.com/xenial/xfonts-base)

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1.1302 pam 1.1.8 3.6ubuntu2.18.04.1

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

Patch for Ubuntu bug #399071

Display the contents of /etc/legal as part of the MOTD, the first time the user logs in, and set a flag in the user's homedir if possible to prevent repeat displays.

Authors: Dustin Kirkland <kirkland@canonical.com>

Upstream status: Ubuntu-specific, maybe submit to Debian

Index: pam.ubuntu/modules/pam_motd/pam_motd.c

===================================================================
--- pam.ubuntu.orig/modules/pam_motd/pam_motd.c
+++ pam.ubuntu/modules/pam_motd/pam_motd.c
@@ -73,6 +73,61 @@
    close(fd);
 }

+int display_legal(pam_handle_t *pamh)
+{
+    int retval = PAM_IGNORE, rc;
+    char *user = NULL;
+    char *dir = NULL;
+    char *flag = NULL;
+    struct passwd *pwd = NULL;
+    struct stat s;
+    int f;
+    /* Get the user name to determine if we need to print the disclaimer */
+    }
+ rc = pam_get_item(pamh, PAM_USER, &user);
+ if (rc == PAM_SUCCESS && user != NULL && *(const char *)user != '0')
+ {
+     PAM_MODUTIL_DEF_PRIVS(privs);
+     
+     /* Get the password entry */
+     pwd = pam_modutil_getpwnam (pamh, user);
+     if (pwd != NULL)
+     {
+         if (pam_modutil_drop_priv(pamh, &privs, pwd)) {
+             pam_syslog(pamh, LOG_ERR,
+                     "Unable to change UID to %d temporarily\n",
+                     pwd->pw_uid);
+             retval = PAM_SESSION_ERR;
+             goto finished;
+         }
+
+         if (asprintf(&dir, "%s/.cache", pwd->pw_dir) == -1 || !dir)
+             goto finished;
+         if (asprintf(&flag, "%s/motd.legal-displayed", dir) == -1 || !flag)
+             goto finished;
+
+         if (stat(flag, &s) != 0)
+             {
+                 display_file(pamh, "/etc/legal");
+                 mkdir(dir, 0700);
+                 f = open(flag, O_WRONLY|O_CREAT|O_EXCL,
+                          S_IRUSR|S_IWUSR|S_IRGRP|S_IROTH);
+                 if (f>=0) close(f);
+             }
+         
+         finished:
+         if (pam_modutil_regain_priv(pamh, &privs)) {
+             pam_syslog(pamh, LOG_ERR,
+                     "Unable to change UID back to %d\n", privs.old_uid);
+             retval = PAM_SESSION_ERR;
+         }
+         
+         _pam_drop(flag);
+         _pam_drop(dir);
+     }
+     
+     return retval;
+}
+ 
+ PAM_EXTERN
+ int pam_sm_open_session(pam_handle_t *pamh, int flags,
+                           int argc, const char **argv)
/* Display the updated motd */
    display_file(pamh, motd_path);

+ /* Display the legal disclaimer only if necessary */
+    retval = display_legal(pamh);
+    return retval;
}

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1.1303 libedit 20190324.3.1 r0

1.1304 attr 2.4.46 13.el7

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Version 2, June 1991

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1.1305 gcc-defaults 7.4.0 1ubuntu2.3

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/* Use the Sequent Symmetry assembler syntax. */

/* Define the syntax of pseudo-ops, labels and comments. */

/* Prefix for internally generated assembler labels. If we aren't using
underscores, we are using prefix `.'s to identify labels that should
be ignored, as in `i386/gas.h' --karl@cs.umb.edu */

#define LPREFIX "L"

/* Assembler pseudos to introduce constants of various size. */
#define ASM_BYTE "\t.byte\t"
#define ASM_SHORT "\t.word\t"
#define ASM_LONG "\t.long\t"
#define ASM_QUAD "\t.quad\t" /* Should not be used for 32bit compilation. */

/* This was suggested, but it shouldn't be right for DBX output. -- RMS
#define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */

/* Define the syntax of labels and symbol definitions/declarations. */

/* This is how to output an assembler line
   that says to advance the location counter by SIZE bytes. */
#define ASM_OUTPUT_SKIP(FILE,SIZE)  
   fprintf (FILE, "\t.space " HOST_WIDE_INT_PRINT_UNSIGNED\n", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations. */

/* This says how to output an assembler line
to define a global common symbol. */
#define ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED)  
   ( fputs (".comm ", (FILE)),
     assemble_name ((FILE), (NAME)),
     fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

/* This says how to output an assembler line
to define a local common symbol. */
#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED)  
   ( fputs (".lcomm ", (FILE)),
     assemble_name ((FILE), (NAME)),
     fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

#if defined HAVE_GAS_LCOMM_WITH_ALIGNMENT
#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT)  
   ( fputs (".lcomm ", (FILE)),
     assemble_name ((FILE), (NAME)),
     fprintf ((FILE), ",%u,%u\n", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif
/* This is how to output an assembler line 
that says to advance the location counter 
to a multiple of 2**LOG bytes. */

#define ASM_OUTPUT_ALIGN(FILE,LOG)\ 
if ((LOG)!=0) fprintf ((FILE), "\t.align %d\n", (LOG))

/* This is how to store into the string BUF 
the symbol_ref name of an internal numbered label where 
PREFIX is the class of label and NUM is the number within the class. 
This is suitable for output with `assemble_name'. */

#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER)\ 
sprintf ((BUF), "*%s%ld", (PREFIX), (long)(NUMBER))

/* The prefix to add to user-visible assembler symbols. */

#define USER_LABEL_PREFIX "_"

/* Sequent has some changes in the format of DBX symbols. */
#define DBX_NO_XREFS 1

/* Don't split DBX symbols into continuations. */
#define DBX_CONTIN_LENGTH 0

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0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.

1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.

e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If
you use option 4d0, the Installation Information must accompany
the Minimal Corresponding Source and Corresponding Application
Code. If you use option 4d1, you must provide the Installation
Information in the manner specified by section 6 of the GNU GPL
for conveying Corresponding Source.)


You may place library facilities that are a work based on the
Library side by side in a single library together with other library
facilities that are not Applications and are not covered by this
License, and convey such a combined library under terms of your
choice, if you do both of the following:

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on the Library, uncombined with any other library facilities,
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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009
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This GCC Runtime Library Exception ("Exception") is an additional permission under section 7 of the GNU General Public License, version 3 ("GPLv3"). It applies to a given file (the "Runtime Library") that bears a notice placed by the copyright holder of the file stating that the file is governed by GPLv3 along with this Exception.

When you use GCC to compile a program, GCC may combine portions of certain GCC header files and runtime libraries with the compiled program. The purpose of this Exception is to allow compilation of non-GPL (including proprietary) programs to use, in this way, the header files and runtime libraries covered by this Exception.

0. Definitions.

A file is an "Independent Module" if it either requires the Runtime Library for execution after a Compilation Process, or makes use of an interface provided by the Runtime Library, but is not otherwise based on the Runtime Library.

"GCC" means a version of the GNU Compiler Collection, with or without modifications, governed by version 3 (or a specified later version) of the GNU General Public License (GPL) with the option of using any subsequent versions published by the FSF.

"GPL-compatible Software" is software whose conditions of propagation, modification and use would permit combination with GCC in accord with the license of GCC.

"Target Code" refers to output from any compiler for a real or virtual target processor architecture, in executable form or suitable for input to an assembler, loader, linker and/or execution phase. Notwithstanding that, Target Code does not include data in any format that is used as a compiler intermediate representation, or used for producing a compiler intermediate representation.

The "Compilation Process" transforms code entirely represented in non-intermediate languages designed for human-written code, and/or in Java Virtual Machine byte code, into Target Code. Thus, for example, use of source code generators and preprocessors need not be considered part of the Compilation Process, since the Compilation Process can be understood as starting with the output of the generators or preprocessors.
A Compilation Process is "Eligible" if it is done using GCC, alone or with other GPL-compatible software, or if it is done without using any work based on GCC. For example, using non-GPL-compatible Software to optimize any GCC intermediate representations would not qualify as an Eligible Compilation Process.

1. Grant of Additional Permission.

You have permission to propagate a work of Target Code formed by combining the Runtime Library with Independent Modules, even if such propagation would otherwise violate the terms of GPLv3, provided that all Target Code was generated by Eligible Compilation Processes. You may then convey such a combination under terms of your choice, consistent with the licensing of the Independent Modules.

2. No Weakening of GCC Copyleft.

The availability of this Exception does not imply any general presumption that third-party software is unaffected by the copyleft requirements of the license of GCC.

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#!/usr/bin/python
#
# Copyright (C) 2013-2017 Free Software Foundation, Inc.
#
# This script is free software; you can redistribute it and/or modify
# This script adjusts the copyright notices at the top of source files
# so that they have the form:
#
#   Copyright XXXX-YYYY Free Software Foundation, Inc.
#
# It doesn't change code that is known to be maintained elsewhere or
# that carries a non-FSF copyright.
#
# The script also doesn't change testsuite files, except those in
# libstdc++-v3. This is because libstdc++-v3 has a conformance testsuite,
# while most tests in other directories are just things that failed at some
# point in the past.
#
# Pass --this-year to the script if you want it to add the current year
# to all applicable notices. Pass --quilt if you are using quilt and
# want files to be added to the quilt before being changed.
#
# By default the script will update all directories for which the
# output has been vetted. You can instead pass the names of individual
# directories, including those that haven't been approved. So:
#
# update-copyright.py --this-year
#
# is the command that would be used at the beginning of a year to update
# all copyright notices (and possibly at other times to check whether
# new files have been added with old years). On the other hand:
#
# update-copyright.py --this-year libitm
#
# would run the script on just libitm/.
#
# Note that things like --version output strings must be updated before
# this script is run. There's already a separate procedure for that.

import os
import re
import sys
import time
import subprocess

class Errors:
    def __init__(self):
        self.num_errors = 0
def report (self, filename, string):
    if filename:
        string = filename + ':' + string
    sys.stderr.write (string + '\n')
    self.num_errors += 1

def ok (self):
    return self.num_errors == 0

class GenericFilter:
    def __init__ (self):
        self.skip_files = set()
        self.skip_dirs = set()
        self.skip_extensions = set()
        self.fossilised_files = set()
        self.own_files = set()

        self.skip_files |= set (['
            # Skip licence files.
            
            # Skip licence files.
            'COPYING',
            'COPYING.LIB',
            'COPYING3',
            'COPYING3.LIB',
            'LICENSE',
            'fdl.texi',
            'gpl_v3.texi',
            'fdl-1.3.xml',
            'gpl-3.0.xml',

            # Skip auto- and libtool-related files
            'aclocal.m4',
            'compile',
            'config.guess',
            'config.sub',
            'depcomp',
            'install-sh',
            'libtool.m4',
            'ltmain.sh',
            'ltversion.m4',
            'lt~obsolete.m4',
            'missing',
            'mkdep',
            'mkinstalldirs',
            'move-if-change',
            'shlibpath.m4',
            'symlink-tree'],
def get_line_filter (self, dir, filename):
    if filename.startswith ('ChangeLog'):
        # Ignore references to copyright in changelog entries.
        return re.compile ('^t$')
    return None

def skip_file (self, dir, filename):
    if filename in self.skip_files:
        return True
    (base, extension) = os.path.splitext (os.path.join (dir, filename))
    if extension in self.skip_extensions:
        return True
    if extension == '.in':
        # Skip .in files produced by automake.
        if os.path.exists (base + '.am'):
            return True
    # Skip files produced by autogen
    if (os.path.exists (base + '.def')
        and os.path.exists (base + '.tpl')):
        return True
    # Skip configure files produced by autoconf
    if filename == 'configure':
        if os.path.exists (base + '.ac'):
            return True
        if os.path.exists (base + '.in'):
            return True
    return False

def skip_dir (self, dir, subdir):
    return subdir in self.skip_dirs
def is_fossilised_file (self, dir, filename):
    if filename in self.fossilised_files:
        return True
    # Only touch current current ChangeLogs.
    if filename !='ChangeLog' and filename.find ('ChangeLog') >= 0:
        return True
    return False

def by_package_author (self, dir, filename):
    return filename in self.own_files

class Copyright:
    def __init__ (self, errors):
        self.errors = errors

        # Characters in a range of years. Include '.' for typos.
        ranges = '[0-9](?:[-0-9.,\s]+and\s+)*[0-9]'

        # Non-whitespace characters in a copyright holder's name.
        name = '\w+[-.]'

        # Matches one year.
        self.year_re = re.compile ('\d+')

        # Matches part of a year or copyright holder.
        self.continuation_re = re.compile (ranges + '|' + name)

        # Matches a full copyright notice:
        self.copyright_re = re.compile (  
            # 1: 'Copyright (C)', etc.
            '([Cc]opyright'  
            '([Cc]opyright\s+\([Cc]\)'  
            '([Cc]opyright\s+%s'  
            '([Cc]opyright\s+?copy'  
            '([Cc]opyright\s+@copyright\)'  
            'copyright = u"'  
            '@set\s+copyright[\w-]+\')'
            # 2: the years. Include the whitespace in the year, so that
            # we can remove any excess.
            '(\s+\d+\s+?\d+\s+\d+)'  
            '@value\{[^{}]*\}s+)'  
            # 3: 'by ', if used
            'by\s+\d+\s+)'  
            # 4: the copyright holder. Don't allow multiple consecutive
# spaces, so that right-margin gloss doesn't get caught
# (e.g. gnat_ugn.texi).
'(+ name + (?:\s? + name + \()' + name + ')+')?'

# A regexp for notices that might have slipped by. Just matching
# 'copyright' is too noisy, and 'copyright.*[0-9]' falls foul of
# HTML header markers, so check for 'copyright' and two digits.
self.other_copyright_re = re.compile('copyright.*[0-9][0-9]',
  re.IGNORECASE)
self.comment_re = re.compile('#+|[*]+|;+|%+|//+|@c |dnl ')
self.holders = { '@copying': '@copying' }
self.holder_prefixes = set()

# True to 'quilt add' files before changing them.
self.use_quilt = False

# If set, force all notices to include this year.
self.max_year = None

# Goes after the year(s). Could be ',', '.
self.separator = ''

def add_package_author (self, holder, canon_form = None):
  if not canon_form:
    canon_form = holder
  self.holders[holder] = canon_form
  index = holder.find (' ')  
  while index >= 0:
    self.holder_prefixes.add (holder[:index])
    index = holder.find ('.', index + 1)

def add_external_author (self, holder):
  self.holders[holder] = None

class BadYear():
  def __init__ (self, year):
    self.year = year

  def __str__ (self):
    return 'unrecognised year: ' + self.year

  def parse_year (self, string):
    year = int (string)
    if len (string) == 2:
      if year > 70:
        return year + 1900
      elif len (string) == 4:
        return year
raise self.BadYear (string)

def year_range (self, years):
    year_list = [self.parse_year (year)
                 for year in self.year_re.findall (years)]
    assert len (year_list) > 0
    return (min (year_list), max (year_list))

def set_use_quilt (self, use_quilt):
    self.use_quilt = use_quilt

def include_year (self, year):
    assert not self.max_year
    self.max_year = year

def canonicalise_years (self, dir, filename, filter, years):
    # Leave texinfo variables alone.
    if years.startswith ('@value'):
        return years
    (min_year, max_year) = self.year_range (years)
    # Update the upper bound, if enabled.
    if self.max_year and not filter.is_fossilised_file (dir, filename):
        max_year = max (max_year, self.max_year)
    # Use a range.
    if min_year == max_year:
        return '%d' % min_year
    else:
        return '%d-%d' % (min_year, max_year)

def strip_continuation (self, line):
    line = line.lstrip()
    match = self.comment_re.match (line)
    if match:
        line = line[match.end():].lstrip()
    return line

def is_complete (self, match):
    holder = match.group (4)
    return (holder
            and (holder not in self.holder_prefixes
                 or holder in self.holders))

def update_copyright (self, dir, filename, filter, file, line, match):
    orig_line = line
    next_line = None
pathname = os.path.join (dir, filename)

intro = match.group (1)
if intro.startswith ('@set'):
    # Texinfo year variables should always be on one line
    after_years = line[match.end (2):].strip()
    if after_years != '':
        self.errors.report (pathname,
            'trailing characters in @set: ' + after_years)
        return (False, orig_line, next_line)
else:
    # If it looks like the copyright is incomplete, add the next line.
    while not self.is_complete (match):
        try:
            next_line = file.next()
        except StopIteration:
            break

        # If the next line doesn't look like a proper continuation,
        # assume that what we've got is complete.
        continuation = self.strip_continuation (next_line)
        if not self.continuation_re.match (continuation):
            break

        # Merge the lines for matching purposes.
        orig_line += next_line
        line = line.rstrip() + ' ' + continuation
        next_line = None

        # Rematch with the longer line, at the original position.
        match = self.copyright_re.match (line, match.start())
        assert match

        holder = match.group (4)

        # Use the filter to test cases where markup is getting in the way.
        if filter.by_package_author (dir, filename):
            assert holder not in self.holders

        elif not holder:
            self.errors.report (pathname, 'missing copyright holder')
            return (False, orig_line, next_line)

        elif holder not in self.holders:
            self.errors.report (pathname,
                'unrecognised copyright holder: ' + holder)
            return (False, orig_line, next_line)
else:
    # See whether the copyright is associated with the package
    # author.
    canon_form = self.holders[holder]
    if not canon_form:
        return (False, orig_line, next_line)

    # Make sure the author is given in a consistent way.
    line = (line[:match.start (4)]
            + canon_form
            + line[match.end (4):])

    # Remove any 'by'
    line = line[:match.start (3)] + line[match.end (3):]

    # Update the copyright years.
    years = match.group (2).strip()
    try:
        canon_form = self.canonicalise_years (dir, filename, filter, years)
    except self.BadYear as e:
        self.errors.report (pathname, str (e))
    return (False, orig_line, next_line)

    line = (line[:match.start (2)]
            + ('' if intro.startswith ('copyright = ') else ' ')
            + canon_form + self.separator
            + line[match.end (2):])

    # Use the standard (C) form.
    if intro.endswith ('right'):
        intro += ' (C)'
    elif intro.endswith ('(c)'):
        intro = intro[:-3] + '(C)'
    line = line[:match.start (1)] + intro + line[match.end (1):]

    # Strip trailing whitespace
    line = line.rstrip() + '

    return (line != orig_line, line, next_line)

def process_file (self, dir, filename, filter):
    pathname = os.path.join (dir, filename)
    if filename.endswith ('.tmp'):
        # Looks like something we tried to create before.
        try:
            os.remove (pathname)
        except OSError:
pass
return

lines = []
changed = False
line_filter = filter.get_line_filter (dir, filename)
mode = None
with open (pathname, 'r') as file:
    prev = None
    mode = os.fstat (file.fileno()).st_mode
    for line in file:
        next_line = None
        # Leave filtered-out lines alone.
        if not (line_filter and line_filter.match (line)):
            match = self.copyright_re.search (line)
            if match:
                res = self.update_copyright (dir, filename, filter,
                                             file, line, match)
                (this_changed, line, next_line) = res
                changed = changed or this_changed
        # Check for copyright lines that might have slipped by.
        elif self.other_copyright_re.search (line):
            self.errors.report (pathname,
                                'unrecognised copyright: %s'
                                % line.strip())
            lines.append (line)
        line = next_line

        # If something changed, write the new file out.
        if changed and self.errors.ok():
            tmp_pathname = pathname + '.tmp'
            with open (tmp_pathname, 'w') as file:
                for line in lines:
                    file.write (line)
            os.fchmod (file.fileno(), mode)
            if self.use_quilt:
                subprocess.call (['quilt', 'add', pathname])
            os.rename (tmp_pathname, pathname)

def process_tree (self, tree, filter):
    for (dir, subdirs, filenames) in os.walk (tree):
        # Don't recurse through directories that should be skipped.
        for i in xrange (len (subdirs) - 1, -1, -1):
            if filter.skip_dir (dir, subdirs[i]):
                del subdirs[i]
# Handle the files in this directory.
for filename in filenames:
    if filter.skip_file (dir, filename):
        sys.stdout.write ('Skipping %s
' % os.path.join (dir, filename))
    else:
        self.process_file (dir, filename, filter)

class CmdLine:
    def __init__ (self, copyright = Copyright):
        self.errors = Errors()
        self.copyright = copyright (self.errors)
        self.dirs = []
        self.default_dirs = []
        self.chosen_dirs = []
        self.option_handlers = dict()
        self.option_help = []

        self.add_option ('--help', 'Print this help', self.o_help)
        self.add_option ('--quilt', '"quilt add" files before changing them',
                        self.o_quilt)
        self.add_option ('--this-year', 'Add the current year to every notice',
                        self.o_this_year)

    def add_option (self, name, help, handler):
        self.option_help.append ((name, help))
        self.option_handlers[name] = handler

    def add_dir (self, dir, filter = GenericFilter()):
        self.dirs.append ((dir, filter))

    def o_help (self, option = None):
        sys.stdout.write ('Usage: %s [options] dir1 dir2...
' % sys.argv[0])
        format = '%-15s %s
'
        for (what, help) in self.option_help:
            sys.stdout.write (format % (what, help))
        sys.stdout.write ('Directories:
')
        format = '%-25s'
        i = 0
        for (dir, filter) in self.dirs:
            i += 1
            if i % 3 == 0 or i == len (self.dirs):
                sys.stdout.write (dir + '
')
            else:
                sys.stdout.write (format % dir)
        sys.exit (0)
def o_quilt (self, option):
    self.copyright.set_use_quilt (True)

def o_this_year (self, option):
    self.copyright.include_year (time.localtime().tm_year)

def main (self):
    for arg in sys.argv[1:]:
        if arg[1] != '-':
            self.chosen_dirs.append (arg)
        elif arg in self.option_handlers:
            self.option_handlers[arg] (arg)
        else:
            self.errors.report (None, 'unrecognised option: ' + arg)

    if self.errors.ok():
        if len (self.chosen_dirs) == 0:
            self.chosen_dirs = self.default_dirs
        if len (self.chosen_dirs) == 0:
            self.o_help()
        else:
            for chosen_dir in self.chosen_dirs:
                canon_dir = os.path.join (chosen_dir, '')
                count = 0
                for (dir, filter) in self.dirs:
                    if (dir + os.sep).startswith (canon_dir):
                        count += 1
                    self.copyright.process_tree (dir, filter)
                if count == 0:
                    self.errors.report (None, 'unrecognised directory: ' + chosen_dir)
            sys.exit (0 if self.errors.ok() else 1)

#----------------------------------------------------------------------------
class TopLevelFilter (GenericFilter):
    def skip_dir (self, dir, subdir):
        return True

class ConfigFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

    def skip_file (self, dir, filename):
        if filename.endswith ('.m4'):
            pathname = os.path.join (dir, filename)
            with open (pathname) as file:
                # Skip files imported from gettext.
if file.readline().find('gettext-') >= 0:
    return True

return GenericFilter.skip_file(self, dir, filename)

class GCCFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_files |= set([
            # Not part of GCC
            'math-68881.h',
        ])

        self.skip_dirs |= set([
            # Better not create a merge nightmare for the GNAT folks.
            'ada',

            # Handled separately.
            'testsuite',
        ])

        self.skip_extensions |= set([.
            # Maintained by the translation project.
            '.po',

            # Automatically-generated.
            '.pot',
        ])

        self.fossilised_files |= set([
            # Old news won't be updated.
            'ONEWS',
        ])

class TestsuiteFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_extensions |= set([.
            # Don't change the tests, which could be woend by anyone.
            '.c',
            '.C',
            '.cc',
            '.h',
            '.hs',
            '.f',
            '.f90',
            '.go',
        ])
def skip_file(self, dir, filename):
    # g++.niklas/README contains historical copyright information
    # and isn't updated.
    if filename == 'README' and os.path.basename(dir) == 'g++.niklas':
        return True
    # Similarly params/README.
    if filename == 'README' and os.path.basename(dir) == 'params':
        return True
    return GenericFilter.skip_file(self, dir, filename)

class LibCppFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_extensions |= set(['
            # Maintained by the translation project.
            '.po',

            # Automatically-generated.
            '.pot',
        ])

class LibGCCFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_dirs |= set(['
            # Imported from GLIBC.
            'soft-fp',
        ])

class LibStdCxxFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_files |= set(['
            # Contains no copyright of its own, but quotes the GPL.
            'intro.xml',
        ])

        self.skip_dirs |= set(['
            # Contains automatically-generated sources.
            'html',
# The testsuite data files shouldn't be changed.
'data',

# Contains imported images
'images',
])

self.own_files |= set([
    # Contains markup around the copyright owner.
    'spine.xml',
])

def get_line_filter (self, dir, filename):
    if filename == 'boost_concept_check.h':
        return re.compile ('// (C) Copyright Jeremy Siek')
    return GenericFilter.get_line_filter (self, dir, filename)

class GCCCopyright (Copyright):
    def __init__ (self, errors):
        Copyright.__init__ (self, errors)

        canon_fsf = 'Free Software Foundation, Inc.'
        self.add_package_author ('Free Software Foundation', canon_fsf)
        self.add_package_author ('Free Software Foundation.', canon_fsf)
        self.add_package_author ('Free Software Foundation Inc.', canon_fsf)
        self.add_package_author ('Free Software Foundation, Inc', canon_fsf)
        self.add_package_author ('Free Software Foundation, Inc.', canon_fsf)
        self.add_package_author ('The Free Software Foundation', canon_fsf)
        self.add_package_author ('The Free Software Foundation, Inc.', canon_fsf)
        self.add_package_author ('Software Foundation, Inc.', canon_fsf)

        self.add_external_author ('ARM')
        self.add_external_author ('AdaCore')
        self.add_external_author ('Ami Tavory and Vladimir Dreizin, IBM-HRL.')
        self.add_external_author ('Cavium Networks.')
        self.add_external_author ('Faraday Technology Corp.')
        self.add_external_author ('Florida State University')
        self.add_external_author ('Greg Colvin and Beman Dawes.')
        self.add_external_author ('Hewlett-Packard Company')
        self.add_external_author ('Intel Corporation')
        self.add_external_author ('Information Technology Industry Council.')
        self.add_external_author ('James Theiler, Brian Gough')
        self.add_external_author ('Makoto Matsumoto and Takuji Nishimura,')
        self.add_external_author ('National Research Council of Canada.')
        self.add_external_author ('NVIDIA Corporation')
        self.add_external_author ('Peter Dimov and Multi Media Ltd.')
        self.add_external_author ('Peter Dimov')
        self.add_external_author ('Pipeline Associates, Inc.')
class GCCCmdLine (CmdLine):
    def __init__ (self):
        CmdLine.__init__ (self, GCCCopyright)

        self.add_dir ('.', TopLevelFilter())
        # boehm-gc is imported from upstream.
        self.add_dir ('config', ConfigFilter())
        # contrib isn't really part of GCC.
        self.add_dir ('fixincludes')
        self.add_dir ('gcc', GCCFilter())
        self.add_dir ('gcc', TestsuiteFilter())
        self.add_dir ('gnattools')
        self.add_dir ('gotools')
        self.add_dir ('include')
        # intl is imported from upstream.
        self.add_dir ('libada')
        self.add_dir ('libatomic')
        self.add_dir ('libbacktrace')
        self.add_dir ('libcc1')
        # libcilk is imported from upstream.
        self.add_dir ('libcpp', LibCppFilter())
        self.add_dir ('libdecnumber')
        # libffi is imported from upstream.
        self.add_dir ('libgcc', LibGCCFilter())
        self.add_dir ('libgfortran')
        # libgo is imported from upstream.
        self.add_dir ('libgomp')
        self.add_dir ('libhsail-rt')
        self.add_dir ('libiberty')
        self.add_dir ('libitm')
        self.add_dir ('libobjc')
        # liboffloadmic is imported from upstream.
        self.add_dir ('libquadmath')
        # libsanitizer is imported from upstream.
        self.add_dir ('libssp')
        self.add_dir ('libstdc++-v3', LibStdCxxFilter())
self.add_dir('libvtv')
self.add_dir('lto-plugin')
# maintainer-scripts maintainer-scripts
# zlib is imported from upstream.

self.default_dirs = ['gcc',
                    'include',
                    'libada',
                    'libatomic',
                    'libbacktrace',
                    'libcc1',
                    'libcpp',
                    'libdeceumber',
                    'libgcc',
                    'libgfortran',
                    'libgomp',
                    'libhsail-rt',
                    'libiberty',
                    'libitm',
                    'libobjc',
                    'libssp',
                    'libstdc++-v3',
                    'libvtv',
                    'lto-plugin',
                    ]

GCCCmdLine().main()

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@end enumerate

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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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========

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

... Automatically generated by Pod::Man 2.27 (Pod::Simple 3.28)
...
... Standard preamble:
...=======================================================================
.de Sp " Vertical space (when we can't use .PP)
.if t .sp .5v
.if n .sp
..
.de Vb " Begin verbatim text
.ft CW
.nf
.ne \$1
..
.de Ve " End verbatim text
Set up some character translations and predefined strings. \^(- will give an unbreakable dash, \^Pi will give pi, \^L" will give a left double quote, and \^R" will give a right double quote. \^C+ will give a nicer C++. Capital omega is used to do unbreakable dashes and therefore won't be available. \^C' and \^C expand to " in nroff, nothing in troff, for use with C<>.

```
\tr \(*W-
\ds C+ C\v'-1p's-2+\v'-1p'+\v'.1v\h'-1p'
\ie n \{
  .ds -- \(*W-
  .ds PI pi
  .if (\(H=4u)&(1m=24u) .ds -- \(*W\h'-12u\)(*W\h'-12u') diablo 10 pitch
  .if (\(H=4u)&(1m=20u) .ds -- \(*W\h'-12u\)(*W\h'-8u') diablo 12 pitch
  .ds L" "
  .ds R" "
  .ds C" "
  .ds C' "
\}br\}
\el\{
  .ds -- \(em\)
  .ds PI */p
  .ds L" "
  .ds R" "
  .ds C'
  .ds C'
\}br\}
```

```
\" Escape single quotes in literal strings from groff's Unicode transform.
\ie \n(.g .ds Aq \(aq
\el .ds Aq ' 
\" 
\" If the F register is turned on, we'll generate index entries on stderr for titles (.TH), headers (.SH), subsections (.SS), items (.Ip), and index entries marked with X<> in POD. Of course, you'll have to process the output yourself in some meaningful fashion.
\" 
\" Avoid warning from groff about undefined register 'F'.
.de IX 
.. 
.nr rF 0 
.if \n(.g .if rF .nr rF 1 
.if (\(n(rF:\(n(.g==0)) \{
 . if \nF \{
  .de IX 
  . tm Index:\nS1\n\n%\t\nS2"
```

---

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IX Item "0. Definitions."
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.IP "1. Source Code." 4
.IX Item "1. Source Code."

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6b.
.IP "d." 4
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.IP "e." 4
.IX Item "e."
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```
<one line to give the program\*(Aqs name and a brief idea of what it does.>
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&        your option) any later version.
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```

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```
<program> Copyright (C) <year> <name of author>
&        This program comes with ABSOLUTELY NO WARRANTY; for details type "show w".
&        This is free software, and you are welcome to redistribute it
&        under certain conditions; type "show c" for details.
```

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```
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