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1.19 Beanshell 2.0b6

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1.20 boost 1.57.0

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1.21 boost_1.45.0 1.45.0

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1.22 byte-buddy 1.7.4
1.23 byte-buddy 1.7.9

1.24 byte-buddy-agent 1.7.9

1.25 byte-buddy-agent 1.7.4

1.26 ClassMate 1.2.0

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1.43 fluent-hc 4.5.2

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1.47 gcc 4.9.2

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* m4/ax_func_which_gethostbyname_r.m4

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

That's all there is to it!
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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 Detlefs(detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks(agic@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 Hutunen (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.)

GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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@end iftex
@end heading END OF TERMS AND CONDITIONS
@end iftex
@end ifinfo
@end center END OF TERMS AND CONDITIONS
@end ifinfo

@page
@appendixsubsec How to Apply These Terms to Your New Libraries

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<html>
<h1 align="center">Installing GCC: GNU Free Documentation License</h1>
@end html
@ifnothtml
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@c man begin DESCRIPTION
@ifclear gfdlhtml

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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>
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</table>

1.48 Gson 2.3.1
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 */

package com.google.gson.internal;

import java.lang.reflect.Type;
import java.util.Collections;
import java.util.HashMap;
import java.util.Map;

/**
 * Contains static utility methods pertaining to primitive types and their
 * corresponding wrapper types.
 *
 * @author Kevin Bourrillion
 */
public final class Primitives {

private Primitives() {
}

/** A map from primitive types to their corresponding wrapper types. */
private static final Map<Class<?>, Class<?>> PRIMITIVE_TO_WRAPPER_TYPE;

/** A map from wrapper types to their corresponding primitive types. */
private static final Map<Class<?>, Class<?>> WRAPPER_TO_PRIMITIVE_TYPE;

// Sad that we can't use a BiMap. :(  

static {

    Map<Class<?>, Class<?>> primToWrap = new HashMap<Class<?>, Class<?>> (16);
    Map<Class<?>, Class<?>> wrapToPrim = new HashMap<Class<?>, Class<?>> (16);

    add(primToWrap, wrapToPrim, boolean.class, Boolean.class);
}
add(primToWrap, wrapToPrim, byte.class, Byte.class);
add(primToWrap, wrapToPrim, char.class, Character.class);
add(primToWrap, wrapToPrim, double.class, Double.class);
add(primToWrap, wrapToPrim, float.class, Float.class);
add(primToWrap, wrapToPrim, int.class, Integer.class);
add(primToWrap, wrapToPrim, long.class, Long.class);
add(primToWrap, wrapToPrim, short.class, Short.class);
add(primToWrap, wrapToPrim, void.class, Void.class);

PRIMITIVE_TO_WRAPPER_TYPE = Collections.unmodifiableMap(primToWrap);
WRAPPER_TO_PRIMITIVE_TYPE = Collections.unmodifiableMap(wrapToPrim);
}

private static void add(Map<Class<?>, Class<?>> forward,
 Map<Class<?>, Class<?>> backward, Class<?> key, Class<?> value) {
 forward.put(key, value);
 backward.put(value, key);
}

/**
 * Returns true if this type is a primitive.
 */
public static boolean isPrimitive(Type type) {
 return PRIMITIVE_TO_WRAPPER_TYPE.containsKey(type);
}

/**
 * Returns {@code true} if {@code type} is one of the nine
 * primitive-wrapper types, such as {@link Integer}.
 * @see Class#isPrimitive
 */
public static boolean isWrapperType(Type type) {
 return WRAPPER_TO_PRIMITIVE_TYPE.containsKey(
 $Gson$Preconditions.checkNotNull(type));
}

/**
 * Returns the corresponding wrapper type of {@code type} if it is a primitive
 * type; otherwise returns {@code type} itself. Idempotent.
 * <pre>
 * wrap(int.class) == Integer.class
 * wrap(Integer.class) == Integer.class
 * wrap(String.class) == String.class
 * </pre>
 */
public static <T> Class<T> wrap(Class<T> type) {
 // cast is safe: long.class and Long.class are both of type Class<Long>
@SuppressWarnings("unchecked")
Class<T> wrapped = (Class<T>) PRIMITIVE_TO_WRAPPER_TYPE.get(
    $Gson$Preconditions.checkNotNull(type));
return (wrapped == null) ? type : wrapped;
}

/**
 * Returns the corresponding primitive type of {@code type} if it is a
 * wrapper type; otherwise returns {@code type} itself. Idempotent.
 * <pre>
 *     unwrap(Integer.class) == int.class
 *     unwrap(int.class) == int.class
 *     unwrap(String.class) == String.class
 * </pre>
 */
public static <T> Class<T> unwrap(Class<T> type) {
    // cast is safe: long.class and Long.class are both of type Class<Long>
    @SuppressWarnings("unchecked")
Class<T> unwrapped = (Class<T>) WRAPPER_TO_PRIMITIVE_TYPE.get(
    $Gson$Preconditions.checkNotNull(type));
return (unwrapped == null) ? type : unwrapped;
}
}
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Version 2.0, January 2004

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Doug Lea

1.50 Hamcrest Library 1.3

1.51 hamcrest-core 1.3
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1.53 Hibernate JPA API 2.1

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1.54 Hibernate ORM Framework 4.3.5

:2014.04.02

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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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1.57 hibernate-validator_utils 5.1.0

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.
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      (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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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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Ty Coon, President of Vice

That's all there is to it!
/
* JBoss, Home of Professional Open Source
package javax.transaction;

/**
 * This exception is meant to be thrown by the rollback operation on
 * a resource to report that a heuristic decision was made and that all
 * relevant updates have been committed.
 * <p>
 * But though defined in JTA this exception is used nowhere in JTA, and
 * it seems impossible to report a heuristic commit decision with the JTA
 * API in a portable way.
 * <p>
 * @version $Revision: 108265 $
 */

public class HeuristicCommitException extends Exception {

    /**
     * Creates a new <code>HeuristicCommitException</code> without a
     * detail message.
     */
    public HeuristicCommitException() {
    }

    /**
     * Constructs an <code>HeuristicCommitException</code> with the
     * specified detail message.
     *
     * @param msg the detail message.
     */
    public HeuristicCommitException(String msg) {
    }
}
/*
   public HeuristicCommitException(String msg)
   {
       super(msg);
   }
*/

1.76 jboss-logging 3.1.3.GA
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1.77 jboss-logging-annotations 1.2.0.Beta1

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1.83 jquery-ui-contextmenu 1.10.0

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1.84 jsoup 1.7.3

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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 [Original BSD license](https://spdx.org/licenses/BSD-4-Clause.html) (with the announcement clause). You may still build your own copies that use them all, but distributing them as binaries would be to violate the GPL license - unless you accompany your license with an [exception](https://www.gnu.org/licenses/gpl-faq.html#GPLIncompatibleLibs). This particular problem was addressed when the [Modified BSD license](https://opensource.org/licenses/BSD-3-Clause) was created, which does not have the announcement clause that collides with GPL.

## libcurl

Uses an [MIT style license](https://curl.haxx.se/docs/copyright.html) that is very liberal.

## OpenSSL

( May be used for SSL/TLS support) Uses an Original BSD-style license with an announcement clause that makes it "incompatible" with GPL. You are not allowed to ship binaries that link with OpenSSL that includes GPL code (unless that specific GPL code includes an exception for OpenSSL - a habit that is growing more and more common). If OpenSSL's licensing is a problem for you, consider using another TLS library.

## GnuTLS

( May be used for SSL/TLS support) Uses the [LGPL](https://www.gnu.org/licenses/lgpl.html) license. If this is a problem for you, consider using another TLS library. Also note that GnuTLS itself depends on and uses other libs (libgcrypt and libgpg-error) and they too are LGPL- or GPL-licensed.
## WolfSSL

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## NSS

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## axTLS

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## mbedTLS

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## BoringSSL

(May be used for SSL/TLS support) As an OpenSSL fork, it has the same license as that.

## libressl

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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.

## zlib

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

(May be used for GSS support) MIT licensed, that shouldn't collide with any other parts.

## Heimdal

(May be used for GSS support) Heimdal is Original BSD licensed with the announcement clause.

## GNU GSS

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

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

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

---
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>.
"
build_requires:
  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
  license: http://dev.perl.org/licenses/
  repository: http://github.com/dagolden/module-build/
  version: 3
use strict;
use lib 't/lib';
use MBTest;
use DistGen;

plan 'no_plan';

# Ensure any Module::Build modules are loaded from correct directory
blib_load('Module::Build');

#---------------------------------------------------------------#
# Create test distribution
#---------------------------------------------------------------#

{ my $dist = DistGen->new(
   name => 'Simple::Name',
   version => '0.01',
   license => 'perl'
);

$dist->regen;
$dist->chdir_in;

my $mb = $dist->new_from_context();
isa_ok( $mb, "Module::Build" );
is( $mb->license, 'perl',
   "license 'perl' is valid" );
my $meta = $mb->get_metadata( fatal => 0 );

is( $meta->{license} => 'perl', "META license will be 'perl'" );
is( $meta->{resources}[license], "http://dev.perl.org/licenses/", "META license URL is correct" );

}

{
my $dist = DistGen->new(
   name => 'Simple::Name',
   version => '0.01',
   license => 'VaporWare'
);

$dist->regen;
$dist->chdir_in;

my $mb = $dist->new_from_context();
is_ok( $mb, "Module::Build" );
is( $mb->license, 'VaporWare', "license 'VaporWare' is valid" );

my $meta = $mb->get_metadata( fatal => 0 );

is( $meta->{license} => 'unrestricted', "META license will be 'unrestricted'" );
is( $meta->{resources}[license], "http://example.com/vaporware/", "META license URL is correct" );

}

# Test with alpha number
# vim:ts=2:sw=2:et:sta:sts=2
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1.103 perl-DBD-Informix 2005.02
1.103.1 Available under license :
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The primary URL for information about Perl, DBI and DBD::Informix is

http://dbi.perl.org/

The primary email address for direct assistance with DBD::Informix is
dbd.informix@gmail.com, but don't use it until you've read the notes
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1.104 perl-DBI 1.51
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1.105 Postgresql 9.6.9

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**********************************************************************

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**********************************************************************

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diff -c -r bsd-indent/Makefile pg_bsd_indent/Makefile
*** bsd-indent/Makefile	Wed Oct 26 17:13:34 2011
--- pg_bsd-indent/Makefile	Wed Oct 12 12:17:12 2011
***************
*** 2,10 ****
# Makefile
#
#
! TARGET = indent
XFLAGS = -Wall -D__RCSID="static char *rcsid=" -D__COPYRIGHT="static char *
copyright="
! CFLAGS = -g
LIBS =

$(TARGET) : args.o indent.o io.o lexi.o parse.o pr_comment.o
--- 2,10 ----
# Makefile
#
#
! TARGET = pg_bsd_indent
XFLAGS = -Wall -D__RCSID="static char *rcsid=" -D__COPYRIGHT="static char *
copyright="
! CFLAGS = -O
LIBS =

$(TARGET) : args.o indent.o io.o lexi.o parse.o pr_comment.o

******************
clean:
rm -f *.o $(TARGET) log core

! install:
! make clean
! make CFLAGS=-O
install -s -o bin -g bin $(TARGET) /usr/local/bin

--- 31,35 ----
clean:
rm -f *.o $(TARGET) log core

--- 31,37 ----

install: $(TARGET)
install -s -o bin -g bin $(TARGET) /usr/local/bin
diff -c -r bsd_indent/README pg_bsd_indent/README

*** bsd_indent/README	Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/README	Mon Nov 14 19:30:24 2005
***************
*** 1,3 ****
--- 1,13 ----
+
+ This patch is from NetBSD current, 2005-11-14. It contains all the
+ patches need for its use in PostgreSQL.
+
+ bjm
+
+ +----------------------------------------------------------------------
+
+ This is the C indenter, it originally came from the University of Illinois
via some distribution tape for PDP-11 Unix. It has subsequently been
hacked upon by James Gosling @ CMU. It isn't very pretty, and really needs
diff -c -r bsd_indent/args.c pg_bsd_indent/args.c

*** bsd_indent/args.c	Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/args.c	Wed Oct 26 17:16:56 2011
***************
*** 83,88 ****
--- 83,90 ----
#include <string.h>
#include "indent_globs.h"
+
+ #define INDENT_PG_VERSION"1.1"
+
+ /* profile types */
+ #define PRO_SPECIAL/* special case */
+ #define PRO_BOOL2/* boolean */
***************
#define STDIN 3         /* use stdin */
#define KEY 4          /* type (keyword) */
#define KEY_FILE 5      /* only used for args */
#define VERSION 6       /* only used for args */

char *option_source = "?";

void add_typedefs_from_file(char *str);

/*
 N.B.: because of the way the table here is scanned, options whose names are
 substrings of other options must occur later; that is, with -lp vs -l, -lp

**************************************

"T", PRO_SPECIAL, 0, KEY, 0
},
{ + "U", PRO_SPECIAL, 0, KEY_FILE, 0
 + },
{ + "V", PRO_SPECIAL, 0, VERSION, 0
 + },
{ "bacc", PRO_BOOL, false, ON, &blanklines_around_conditional_compilation
 },
{ **************************************

** 425,430 ****
--- 438,456 ----
break;

+ case KEY_FILE:
+ if (*param_start == 0)
+ goto need_param;
+ add_typedefs_from_file(param_start);
+ break;
+ case VERSION:
+ {
+ printf("pg_bsd_indent %s\n", INDENT_PG_VERSION);
+ exit(0);
+ }
+ break;
default:
fprintf(stderr, "\nindent: set_option: internal error: p_special %d\n", p->p_special);
***************
*** 459,461 ****
--- 485,508 ----
exit(1);
}
+
+
+ void
+ add_typedefs_from_file(char *str)
+ {
+ FILE *file;
+ char line[BUFSIZ];
+ +
+ if ((file = fopen(param_start, "r")) == NULL)
+ {
+ fprintf(stderr, "indent: cannot open file \%s\n", str);
+ exit(1);
+ }
+ while ((fgets(line, BUFSIZ, file)) != NULL)
+ {
+ /* Remove trailing whitespace */
+ *(line + strcspn(line, " \
\r\t")) = '\0';
+ addkey(strdup(line), 4);
+ }
+ fclose(file);
+ }
Only in pg_bsd_indent: args.o
Only in pg_bsd_indent: indent.bsd.patch
Only in pg_bsd_indent: indent.o
diff -c -r bsd_indent/indent_globs.h pg_bsd_indent/indent_globs.h
*** bsd_indent/indent_globs.h Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/indent_globs.h Mon Nov 14 19:30:24 2005
***************
*** 239,245 ****
 scomf; /* Same line comment font */
 bodyf; /* major body font */

 #define STACK_SIZE 150

EXTERN struct parser_state {
    int last_token;
--- 239,249 ----
    scomf; /* Same line comment font */
OPEN SOURCE USED IN CISCO POWERVU NETWORK CENTER  VERSION 15.5

bodyf;/* major body font */

! /*
! * This controls the maximum number of 'else if' clauses supported.
! * If it is exceeded, comments are placed in column 100.
! */
! #define STACK_SIZE 1000

EXTERN struct parser_state {
    int last_token;
};

struct templ specials[1000] =
{
    /*switch", 1},
    {"case", 2},
...
struct templ specials[16384] =
{
    {"switch", 1},
    {"case", 2},
***************
*** 622,629 ****
else
p++;
if (p >= specials + sizeof specials / sizeof specials[0])
! return/* For now, table overflows are silently
! * ignored */
p->rwd = key;
p->rwcode = val;
p[1].rwd = 0;
--- 622,632 ----
else
p++;
if (p >= specials + sizeof specials / sizeof specials[0])
! {
! fprintf(stderr, "indent: typedef table overflow\n");
! exit(1);
p->rwd = key;
p->rwcode = val;
p[1].rwd = 0;

Only in pg_bsd_indent: lexi.o

diff -c -r bsd_indent/parse.c pg_bsd_indent/parse.c
*** bsd_indent/parse.c Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/parse.c Mon Nov 14 19:30:24 2005
***************
*** 231,236 ****
--- 231,241 ----
}		/* end of switch */

+ if (ps.tos >= STACK_SIZE) {
+ 	fprintf(stderr, "indent: stack size overflow\n");
+ 	exit(1);
+ }
+ 
+ reduce();/* see if any reduction can be done */

#ifdef debug
Only in pg_bsd_indent: parse.o

diff -c -r bsd_indent/pr_comment.c pg_bsd_indent/pr_comment.c
*** bsd_indent/pr_comment.c Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/pr_comment.c Mon Nov 14 19:30:24 2005
***************
*** 148,154 ****
--- 148,158 ----
ps.box_com = true;
ps.com_col = 1;
} else {
! 	if (*buf_ptr == '-' || *buf_ptr == '"' || *buf_ptr == 'a') {
ps.box_com = true;/* a comment with a '-', '"'
* or newline immediately
* after the start comment is
--- 148,158 ----
ps.box_com = true;
ps.com_col = 1;
} else {
! */
! * Don't process '"n' or every comment is treated as a
! * block comment, meaning there is no wrapping.
! */
! if (*buf_ptr == '-' || *buf_ptr == '"') {
ps.box_com = true;/* a comment with a '-', '"'
* or newline immediately
* after the start comment is
goto end_of_comment;
}
} while (*buf_ptr == ' ' || *buf_ptr == '\n');
+
+ /*
+ * If there is a blank comment line, we need to prefix
+ * the line with the same three spaces that "/* " takes up.
+ * Without this code, blank stared lines in comments have
+ * three too-many characters on the line when wrapped.
+ */
+ if (s_com == e_com) {
    
    *e_com++ = ' '; /* add blanks for continuation */
    *e_com++ = ' ';
    *e_com++ = ' ';
    now_col += 3;
    
} else
    if (++buf_ptr >= buf_end)
        fill_buffer();

Only in pg_bsd_indent: pr_comment.o

PostgreSQL Database Management System
(formerly known as Postgres, then as Postgres95)

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</table>
Notice and warning messages generated by the server are not returned by the query execution functions, since they do not imply failure of the query. Instead they are passed to a notice handling function, and execution continues normally after the handler returns. The default notice handling function prints the message on stderr, but the application can override this behavior by supplying its own handling function.
For historical reasons, there are two levels of notice handling, called the notice receiver and notice processor. The default behavior is for the notice receiver to format the notice and pass a string to the notice processor for printing. However, an application that chooses to provide its own notice receiver will typically ignore the notice processor layer and just do all the work in the notice receiver.

The function `PQsetNoticeReceiver` sets or examines the current notice receiver for a connection object. Similarly, `PQsetNoticeProcessor` sets or examines the current notice processor.

```
typedef void (*PQnoticeReceiver) (void *arg, const PGresult *res);
PQnoticeReceiver
PQsetNoticeReceiver(PGconn *conn, PQnoticeReceiver proc, void *arg);
```

```
typedef void (*PQnoticeProcessor) (void *arg, const char *message);
PQnoticeProcessor
PQsetNoticeProcessor(PGconn *conn, PQnoticeProcessor proc, void *arg);
```

Each of these functions returns the previous notice receiver or processor function pointer, and sets the new value. If you supply a null function pointer, no action is taken, but the current pointer is returned.
When a notice or warning message is received from the server, or generated internally by `libpq`, the notice receiver function is called. It is passed the message in the form of a `PGRES_NONFATAL_ERROR`. (This allows the receiver to extract individual fields using `PQresultErrorField`, or obtain a complete preformatted message using `PQresultErrorMessage` or `PQresultVerboseErrorMessage`.) The same void pointer passed to `PQsetNoticeReceiver` is also passed. (This pointer can be used to access application-specific state if needed.)

The default notice receiver simply extracts the message (using `PQresultErrorMessage`) and passes it to the notice processor.

The notice processor is responsible for handling a notice or warning message given in text form. It is passed the string text of the message (including a trailing newline), plus a void pointer that is the same one passed to `PQsetNoticeProcessor`. 
> (This pointer
   can be used to access application-specific state if needed.)
</p>
><p>
> The default notice processor is simply:
</p>
><pre CLASS="PROGRAMLISTING">
static void
defaultNoticeProcessor(void *arg, const char *message)
{
   fprintf(stderr, "%s", message);
}
</pre>
><p>

> Once you have set a notice receiver or processor, you should expect
   that that function could be called as long as either the
</p>
><tt CLASS="STRUCTNAME">PGconn</tt>
> object or <tt CLASS="STRUCTNAME">PGresult</tt>
> objects made
   from it exist. At creation of a <tt CLASS="STRUCTNAME">PGresult</tt>
> , the
</tt>
><tt CLASS="STRUCTNAME">PGconn</tt>
> 's current notice handling pointers are copied
   into the <tt CLASS="STRUCTNAME">PGresult</tt>
> for possible use by functions like
</tt>
><tt CLASS="FUNCTION">PQgetvalue</tt>
> .
</p>
></div>
</div>
</div>
</div>
</div>

Open Source Used In Cisco PowerVu Network Center  Version 15.5
618
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1.107 powermock-api-mockito-common 1.7.3
1.108 powermock-api-mockito2 1.7.3

1.109 powermock-api-support 1.7.3

1.110 powermock-core 1.7.3

1.111 powermock-module-testng 1.7.3

1.112 powermock-module-testng-common 1.7.3

1.113 powermock-reflect 1.7.3

1.114 python 2.7.8

1.114.1 Available under license:

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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- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
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David Megginson, david@megginson.com
2000-05-05

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