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```
# /*  
# * SHA-512  
# * Implementation derived from LibTomCrypt (Tom St Denis)  
# *  
# * LibTomCrypt is a library that provides various cryptographic  
# * algorithms in a highly modular and flexible manner.  
# *  
# * The library is free for all purposes without any express  
# * guarantee it works.  
# *  
# * Tom St Denis, tomstdenis@gmail.com, http://libtomcrypt.org  
# */
```

1.2 lua 5.1.3

1.2.1 Available under license :

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1.4 libtommath 0.42.0

1.4.1 Available under license :

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-- Tom St Denis

1.5 sed 4.2.2

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Version 3, 29 June 2007

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So, if you want, you may use any 2.N.* (N >= 3) version string for future xinetd versions that you release. Note that I am excluding the 2.2.* line; using

that would only create confusion. Naming the next release 2.3.0 would put to rest the confusion about 2.2.1 and 2.1.8.*.

1.7 zlib 1.2.5

1.7.1 Available under license :

```
/* zlib.h -- interface of the 'zlib' general purpose compression library
   version 1.2.5, April 19th, 2010
```

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*/

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1.8 zlib 1.2.8

1.8.1 Available under license :

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

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

*/

1.9 zlib 1.2.3

1.9.1 Available under license :

/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.1.4, March 11th, 2002

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*/

/* match.s -- Pentium-optimized version of longest_match()

* Written for zlib 1.1.2

* Copyright (C) 1998 Brian Raiter <breadbox@muppetlabs.com>

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1.10 findutils 4.6.0

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Version 3, 29 June 2007

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1.11 rsync 3.1.3

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1.12 zlib 1.2.11

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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

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

*/

1.13 diffutils 3.7

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Version 3, 29 June 2007

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1.14 libxslt 1.1.33

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1.15 pcre 8.43

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Written by: Philip Hazel

Email local part: ph10

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1.16 sqlite 3.27.0

1.17 bzip2 1.0.8

1.18 gawk 5.0.1

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1.19 sqlite 3.29.0

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1.23 e2fsprogs 1.43

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*/

Index: tdbsa/tdb.c

=====

-- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

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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```
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```

```
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Theodore Ts'o
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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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```
#  
# 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 ss command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

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

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Version 3, 29 June 2007

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1.27 json-c 0.13.1

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1.28 lua-cjson 2.1.0

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1.29 net-tools 1.60

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1.30 gmp 6.1.2

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1.33 ncurses 6.1

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Files: progs/tset.c ncurses/tinfo/read_termcap.c

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1.35 openssl 1.1.1c

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```
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```

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```
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```

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<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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The End

1.36 grep 3.3

1.36.1 Available under license :

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The

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1.38 hd-parm 9.58

1.39 tar 1.32

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```
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```

```
<signature of Ty Coon>, 1 April 1989
```

```
Ty Coon, President of Vice
```

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1.42 apk-tools 2.10.4-r3

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```
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```

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```
* /opt/cola/permits/1006906399_1678963080.0928936/0/apk-tools-v2-10-4-zip/apk-tools-2.10.4/src/add.c
```

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/* commit.c - Alpine Package Keeper (APK)

* Apply solver calculated changes to database.

*

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/* update.c - Alpine Package Keeper (APK)

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 *
 * \$FreeBSD: fetch.c,v 1.41 2007/12/19 00:26:36 des Exp \$
 */

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* /opt/cola/permits/1006906399_1678963080.0928936/0/apk-tools-v2-10-4-zip/apk-tools-2.10.4/libfetch/fetch.c
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/* apk_hash.h - Alpine Package Keeper (APK)

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/* apk_solver_data.h - Alpine Package Keeper (APK)

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/* search.c - Alpine Package Keeper (APK)

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/* apk_blob.h - Alpine Package Keeper (APK)

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*
* $FreeBSD: common.c,v 1.53 2007/12/19 00:26:36 des Exp $
*/
```

Found in path(s):

```
* /opt/cola/permits/1006906399_1678963080.0928936/0/apk-tools-v2-10-4-zip/apk-tools-2.10.4/libfetch/common.c
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```

```
/* io.c - Alpine Package Keeper (APK)
```

```
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```

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```
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```

```
/* blob.c - Alpine Package Keeper (APK)
```

```
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/* fetch.c - Alpine Package Keeper (APK)

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/* solver.c - Alpine Package Keeper (APK)

* Up- and down-propagating, forwarding checking, deductive dependency solver.

*

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```
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Found in path(s):

```
*/opt/cola/permits/1006906399_1678963080.0928936/0/apk-tools-v2-10-4-zip/apk-tools-2.10.4/src/apk_provider_data.h
```

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```
/* archive.c - Alpine Package Keeper (APK)
```

```
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*/
```

Found in path(s):

```
*/opt/cola/permits/1006906399_1678963080.0928936/0/apk-tools-v2-10-4-zip/apk-tools-2.10.4/src/archive.c
```

No license file was found, but licenses were detected in source scan.

```
/* implemented as luaL_typerror until lua 5.1, dropped in 5.2
```

```
*/ (C) 1994-2012 Lua.org, PUC-Rio. MIT license
```

```
*/
```

Found in path(s):

```
*/opt/cola/permits/1006906399_1678963080.0928936/0/apk-tools-v2-10-4-zip/apk-tools-2.10.4/src/lua-apk.c
```

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```
/* audit.c - Alpine Package Keeper (APK)
```

```
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```

Found in path(s):

* /opt/cola/permits/1006906399_1678963080.0928936/0/apk-tools-v2-10-4-zip/apk-tools-2.10.4/src/audit.c
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/* fix.c - Alpine Package Keeper (APK)

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* /opt/cola/permits/1006906399_1678963080.0928936/0/apk-tools-v2-10-4-zip/apk-tools-2.10.4/libfetch/http.c

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/* hash.c - Alpine Package Keeper (APK)

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/* apk_solver.h - Alpine Package Keeper (APK)

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/* info.c - Alpine Package Keeper (APK)

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/* apk_applet.h - Alpine Package Keeper (APK)

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```

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```

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```

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* /opt/cola/permits/1006906399_1678963080.0928936/0/apk-tools-v2-10-4-zip/apk-tools-2.10.4/src/apk_package.h
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```

```

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Found in path(s):

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/* del.c - Alpine Package Keeper (APK)

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/* upgrade.c - Alpine Package Keeper (APK)

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Found in path(s):

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No license file was found, but licenses were detected in source scan.

/* index.c - Alpine Package Keeper (APK)

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```
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```

Found in path(s):

```
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```

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```
/* verify.c - Alpine Package Keeper (APK)
```

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```

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```
/* apk_print.h - Alpine Package Keeper (APK)
```

```
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```
/* package.c - Alpine Package Keeper (APK)
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```

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```
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```

1.43 zlib 1.2.11-r3

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1.46 attr 2.4.48-3.el8

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1.47 libmnl 1.0.4-6.el8

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1.49 libpcap 1.9.1

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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

```
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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989  
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1.56 busybox 1.31.1-r9

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jseward@bzip.org

bzip2/libbzip2 version 1.0.4 of 20 December 2006

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Upstream-Name: liblz4

Upstream-Contact: Yann Collet <Cyan4973@github.com>

Source: <https://github.com/lz4/lz4>

Files: *

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1.62 elfutils 0.178

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1.63 luajit 2.1.0

1.63.1 Available under license :

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1.64 netcat 0.7.1

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```
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```

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```
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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.

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```
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```

<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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1.65 nginx 0.33

1.65.1 Available under license :

```
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 *
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 */
```

1.66 glibc 2.30

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@center Version 2.1, February 1999

@c This file is intended to be included within another document,

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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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@enumerate 0

@item

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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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@end enumerate

@subheading END OF TERMS AND CONDITIONS

@page

@subheading How to Apply These Terms to Your New Libraries

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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.

```
@smallexample
@var{one line to give the library's name and an idea of what it does.}
Copyright (C) @var{year} @var{name of author}
```

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```
@end
smallexample
```

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```
@smallexample
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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1.72 libnl3 3.5.0

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Version 2.1, February 1999

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Version 2.1, February 1999

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Files:

include/bsd/sys/tree.h

man/fparseln.3bsd

src/fparseln.c

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Files:

include/bsd/readpassphrase.h

man/readpassphrase.3bsd

man/strncpy.3bsd

man/strtonum.3bsd

src/arc4random.c

src/arc4random_linux.h

src/arc4random_openbsd.h

src/arc4random_uniform.c

src/arc4random_unix.h

src/arc4random_win.h
src/closefrom.c
src/getentropy_aix.c
src/getentropy_bsd.c
src/getentropy_hpux.c
src/getentropy_hurd.c
src/getentropy_linux.c
src/getentropy_osx.c
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src/inet_net_pton.c

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src/hash/md5.c

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src/chacha_private.h

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src/hash/md5hl.c

src/hash/helper.c

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1.79 lighttpd 1.4.54

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1.80 libnettle6 3.5.1

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The

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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

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1.83 python 3.7.8

1.83.1 Available under license :

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, 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.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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(1) GPL-compatible doesn't mean that we're distributing Python under the GPL. All Python licenses, unlike the GPL, let you distribute a modified version without making your changes open source. The GPL-compatible licenses make it possible to combine Python with other software that is released under the GPL; the others don't.

(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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1.84 nghttp2 1.41.0

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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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1.85 libvirt 5.5.0

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1.86 libssh2 1.8.2

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- */

1.87 pkix-ssh 11.6

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```

/*
-----
* name: pkixpath.c
*
* This file implements certificate path building/verifying SPI
* functions that conform to the descriptions in the PKIX draft
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```

```

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*/

```

Found in path(s):

```

* /opt/cola/permits/1078111861_1615189672.12/0/pkix-tar/pkix/pkixpath.c
No license file was found, but licenses were detected in source scan.

```

```

/* $Id$
* $Source$
*-----
* pkixpath_header.h
*
* October 2005, Bob Stuercke
*
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*-----
* $Log$
*-----
* $Endlog$
*/

```

Found in path(s):

```

* /opt/cola/permits/1078111861_1615189672.12/0/pkix-tar/pkix/pkixpath_header.h

```

1.88 openssh 7.9-p1

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- Zlib is now external, in a library
- The make-ssh-known-hosts script is no longer included
- TSS has been removed
- MD5 is now external, in the OpenSSL library
- RC4 support has been replaced with ARC4 support from OpenSSL
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[The licence continues]

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*

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*

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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.

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* `atf-c/ui.c`: The `format_paragraph` and `format_text` functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

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

Author: Julio Merino <jmmv84@gmail.com>

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

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

<!-- \$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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    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">
      <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>

```

<!--

- Local variables:
- mode: sgml
- End:

-->

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1.91 libffi 3.1-22.el8

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1.93 openssh 8.0p1

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* @version 3.0 (December 2000)

*

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

*

* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

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1.94 dnsmasq 2.83

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1.96 coreutils 8.31

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5	7936	12799	4864	2.4M		
6	12544	16127	3584	1.8M		

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Version 2.1, February 1999

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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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WEV @@ WEV[B "1

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x ?"U@,5 @mISmIN<GimCN7g1u|E

43mI,5WEV @@ WEV @mImImIAmImImI0mImImI*mImI

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lost+found...

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WEV[B "1

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1.100 libidn 2.2.0

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```
WEV @@ WEV[B "1
```

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```
x ?"U@,5 @mISmIN<GimCN7g1u|E
43mI,5WEV @@ WEV @mImImIAmImImI0mImImI*mImI
A0mImImI...
lost+found...
```

```
;9GimCN7g
```

```
!"#$%&'()*+,-
./0123456789;:<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
```

```
!"#$%&'()*+,-
./0123456789;:<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
```

```
!"#$%&'()*+,-
./0123456789;:<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
```

```
!"#$%&'()*+,-
./0123456789;:<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~WEV @@
WEV[B "1
```

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1.104 squashfs-tools 4.3

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1.106 libsodium 1.0.18

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1.108 gobject-introspection 1.60.2

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WinJS

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////

```
[#mpl]
# MPL Support, <boost/mp11/mpl.hpp>
:toc:
:toc-title:
:idprefix:
```

The header `<boost/mp11/mpl.hpp>`, when included, defines the necessary support infrastructure for ``mp_list`` and ``std::tuple`` to be valid link:../../../../libs/mpl[MPL] sequences.

NOTE: ``mpl.hpp`` is not included by `<boost/mp11.hpp>`.

It's also possible to only enable support for ``mp_list`` by including `<boost/mp11/mpl_list.hpp>`, and for ``std::tuple`` by including `<boost/mp11/mpl_tuple.hpp>`. This may be required because some libraries, such as Boost.Fusion, contain their own MPL support for ``std::tuple``, which conflicts with Mp11's one.

<!DOCTYPE html>

<html>

<head></head>

<body>

<h3>

Copyright Test

</h3>

<p class="copyright">

1963, 1964, 1965 Jane Doe

</p>

<p class="copyright">

2018 Joe Blow, John Coe

</p>

```
<p class="copyright">
  1977, 1985 Someone else
</p>
</body>
</html>
```

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```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE article PUBLIC "-//Boost//DTD BoostBook XML V1.0//EN"
"http://www.boost.org/tools/boostbook/dtd/boostbook.dtd">
<article id="copyright_test" last-revision="DEBUG MODE Date: 2000/12/20 12:00:00 $"
xmlns:xi="http://www.w3.org/2001/XInclude">
  <title>Copyright Test</title>
  <articleinfo>
    <copyright>
      <year>1963</year> <year>1964</year> <year>1965</year> <holder>Jane Doe</holder>
    </copyright>
    <copyright>
      <year>2018</year> <holder>Joe Blow, John Coe</holder>
    </copyright>
    <copyright>
      <year>1977</year> <year>1985</year> <holder>Someone else</holder>
    </copyright>
  </articleinfo>
</article>
```

```
=====
Copyright (c) 2007-2011 Barend Gehrels, Amsterdam, the Netherlands.
Copyright (c) 2008-2011 Bruno Lalande, Paris, France.
Copyright (c) 2009-2011 Mateusz Loskot, London, UK.
```

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```
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Any executables

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<signature of Ty Coon>, 1 April 1989
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1.112 procps 3.3.15

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```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
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The hypothetical commands

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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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*

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*

* M. Welsh, 6 July 1996

*

*

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Because

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```

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```
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```

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```
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```

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

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1.114 iputils 20180629-6.el8

1.114.1 Available under license :

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```
/*
*-----
* ip_parser_linkpoints.h - IP related parser linkpoint decls.
*
* April, 2005
*
* Copyright (c) 2005-2006, 2008-2009, 2014 by cisco Systems, Inc.
* All rights reserved.
*
*-----
*/
```

Found in path(s):

```
* /opt/cola/permits/1130449866_1615188952.97/0/ip-tar/ip/include/ip_parser_linkpoints.h
```

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```
/*
*-----
* util_ip.c -- miscellaneous ip specific utility routines
*
```

* Feb 2008, Hiral mehta

*

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*-----

*/

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* /opt/cola/permits/1130449866_1615188952.97/0/ip-tar/ip/src/ip_util.c

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Found in path(s):

* /opt/cola/permits/1130449866_1615188952.97/0/ip-tar/ip/include/reg/ip_15_registry.reg

* /opt/cola/permits/1130449866_1615188952.97/0/ip-tar/ip/makefile

* /opt/cola/permits/1130449866_1615188952.97/0/ip-tar/ip/expl_path/makefile

* /opt/cola/permits/1130449866_1615188952.97/0/ip-tar/ip/src/src.mk

* /opt/cola/permits/1130449866_1615188952.97/0/ip-tar/ip/expl_path/src/src.mk

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/*

*-----

* ipaddress_api.h

*

* Febuary 2004

*

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*-----

*/

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* /opt/cola/permits/1130449866_1615188952.97/0/ip-tar/ip/include/ipaddress_api.h

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/*

*-----

* ip_parser_macros.h - IP* macros moved out of

* sys/parser/macros.h

*

* November, 2004

*

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*-----

*

*/

Found in path(s):

* /opt/cola/permits/1130449866_1615188952.97/0/ip-tar/ip/include/ip_parser_macros.h

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```
/*-----  
* ip_15_registry.h -- Registration Points for IP_15 support  
*  
* August 2006, Krishna Kumar Maurya  
*  
* Copyright (c) 2006-2008 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
* The file ip_registry.reg has been re-factored into 44 different  
* registries to address the 2G problem. The detail regarding the  
* mapping of registries into services is available at  
* /vob/ios.sys1/deprecated/sys/ip/ip_registry_map.txt  
* For further detail regarding the re-factoring of registries,  
* please mail in your queries to dolphins@cisco.com  
*/
```

Found in path(s):

* /opt/cola/permits/1130449866_1615188952.97/0/ip-tar/ip/include/ip_15_registry.h

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```
/*-----  
* ip_parser_linkpoints.c - IP related parser linkpoint definitions.  
*  
* April, 2005  
*  
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*-----  
*/
```

Found in path(s):

* /opt/cola/permits/1130449866_1615188952.97/0/ip-tar/ip/src/ip_parser_linkpoints.c

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```
/*-----  
* ip_util.h  
*  
* February 2005  
*  
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```

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*-----

*/

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* /opt/cola/permits/1130449866_1615188952.97/0/ip-tar/ip/include/ip_util.h

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##

Component "ip":

##

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##

syntax: 1.0.0

meta-source files found within component 'ip'

group: generic

{

 reg:

 include/reg/ip_15_registry.reg

 include/reg/ip_registry.reg

}

migrated from file: 'ip/src/src.mk'

group: top

{

 includes: \$(IOS_SYSROOT)/ion/include \$(COMPONENT_ROOT)/posix/include

These diagnostic disables are temporary and must be removed

after fixing the problems in the source code

 if: compiler == gcc.c4.7

 {

 cflags : -Wno-error=unused-but-set-variable -Wno-error=enum-compare

 }

 sub: ip_parser

 {

 contains:

 src/ip_parser_linkpoints.c

 }

 sub: ip_registry

 {

 contains:

 src/ip_registry.c

 }

 sub: ip_util

```

{
  contains:
    src/ip_util.c
}
}
# end of group: top

##

Found in path(s):
* /opt/cola/permits/1130449866_1615188952.97/0/ip-tar/ip/content.lst

```

1.115 iptables 1.8.4-16.el8

1.115.1 Available under license :

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```

#
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#
# This file contains all needed files related to nfs server daemon.
#
infra/systemd/nfs-mountd.service      usr/lib/systemd/system/nfs-mountd.service
infra/systemd/nfs-server.service      usr/lib/systemd/system/nfs-server.service
infra/systemd/proc-fs-nfsd.mount      usr/lib/systemd/system/proc-fs-nfsd.mount

linkfarm/${SYSROOT}${ARCH}${SDK}/usr/sbin/exportfs  usr/sbin/exportfs
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/sbin/rpc.mountd  usr/sbin/rpc.mountd
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/sbin/rpc.nfsd  usr/sbin/rpc.nfsd

(include nfs-common)
# The following optional kernel modules are put here to allow forwarding
# compatible when NFSV4 support is configured in kernel.
# When nfsv4 is enabled in kernel, it brings in extra dependency for
# nfsd.ko, which is needed for nfsv3 verver.
#
so treat extra modules needed by nfsd.ko as optional since it depend on kernel
# configure.
#
# nfsd.ko depend on auth_rpcgss.ko
# auth_rpcgss.ko depend on oid_registry.ko

-${PLATFORM_SYSROOT}/usr/lib/modules/${KERNEL_VER}/kernel/lib/oid_registry.ko
usr/lib/modules/${KERNEL_VER}/kernel/lib/oid_registry.ko
-${PLATFORM_SYSROOT}/usr/lib/modules/${KERNEL_VER}/kernel/net/sunrpc/auth_gss/auth_rpcgss.ko
usr/lib/modules/${KERNEL_VER}/kernel/net/sunrpc/auth_gss/auth_rpcgss.ko

```

Found in path(s):

* /opt/cola/permits/1130450074_1615190715.28/0/iptables-tar/linux-system/nfsv3/nfs-utils

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(include systemd-common)

```
infra/systemd/switchroot/sysinit.target          usr/lib/systemd/system/sysinit.target
infra/systemd/switchroot/systemd-journald.service  usr/lib/systemd/system/systemd-
journald.service
infra/systemd/switchroot/systemd-timedated.service  usr/lib/systemd/system/systemd-
timedated.service
infra/systemd/switchroot/systemd-udev.service      usr/lib/systemd/system/systemd-
udev.service
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system/systemd-journald-audit.socket
usr/lib/systemd/system/systemd-journald-audit.socket
```

Found in path(s):

* /opt/cola/permits/1130450074_1615190715.28/0/iptables-tar/linux-system/systemd-swrt

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```
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/journalctl  usr/bin/journalctl
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/systemctl   usr/bin/systemctl
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/systemd-inhibit  usr/bin/systemd-inhibit
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/systemd-notify  usr/bin/systemd-notify
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/systemd-tmpfiles  usr/bin/systemd-tmpfiles
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/udevadm        usr/bin/udevadm
contrib/yocto/CGE7/journald.conf                       etc/systemd/journald.conf
infra/systemd/system.conf                              etc/systemd/system.conf
linkfarm/${SYSROOT}${ARCH}${SDK}/etc/systemd/user.conf  etc/systemd/user.conf
linkfarm/${SYSROOT}${ARCH}${SDK}/etc/udev/udev.conf    etc/udev/udev.conf
/usr/lib/systemd/systemd                              init
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system-generators/systemd-fstab-generator
usr/lib/systemd/system-generators/systemd-fstab-generator
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system/basic.target
usr/lib/systemd/system/basic.target
/usr/lib/systemd/system/reboot.target                  usr/lib/systemd/system/ctrl-alt-del.target
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system/dev-hugepages.mount
usr/lib/systemd/system/dev-hugepages.mount
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system/dev-mqueue.mount
usr/lib/systemd/system/dev-mqueue.mount
```

```

infra/systemd/emergency.service
                                usr/lib/systemd/system/emergency.service
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system/emergency.target
usr/lib/systemd/system/emergency.target
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system/final.target
usr/lib/systemd/system/final.target
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system/halt.target
usr/lib/systemd/system/halt.target
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system/kexec.target
usr/lib/systemd/system/kexec.target
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system/local-fs-pre.target
usr/lib/systemd/system/local-fs-pre.target
infra/systemd/local-fs.target                                usr/lib/systemd/system/local-fs.target
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system/network-online.target
usr/lib/systemd/system/network-online.target
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system/network.target
                                usr/lib/systemd/system/network.target
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system/paths.target
usr/lib/systemd/system/paths.target
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system/poweroff.target
usr/lib/systemd/system/poweroff.target
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system/reboot.target
usr/lib/systemd/system/reboot.target
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system/remote-fs.target
usr/lib/systemd/system/remote-fs.target
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system/rescue.service
usr/lib/systemd/system/rescue.service
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system/rescue.target
usr/lib/systemd/system/rescue.target
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system/shutdown.target
usr/lib/systemd/system/shutdown.target
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system/slices.target
                                usr/lib/systemd/system/slices.target
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system/sockets.target
usr/lib/systemd/system/sockets.target
/usr/lib/systemd/system/systemd-journald.socket
usr/lib/systemd/system/sockets.target.requires/systemd-journald.socket
/usr/lib/systemd/system/systemd-udev-control.socket
usr/lib/systemd/system/sockets.target.requires/systemd-udev-control.socket
/usr/lib/systemd/system/systemd-udev-kernel.socket
usr/lib/systemd/system/sockets.target.requires/systemd-udev-kernel.socket
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system/sys-kernel-config.mount
usr/lib/systemd/system/sys-kernel-config.mount
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system/sys-kernel-debug.mount
usr/lib/systemd/system/sys-kernel-debug.mount
/usr/lib/systemd/system/dev-hugepages.mount
                                usr/lib/systemd/system/sysinit.target.wants/dev-hugepages.mount
/usr/lib/systemd/system/dev-mqueue.mount

```

usr/lib/systemd/system/sysinit.target.wants/dev-mqueue.mount
 /usr/lib/systemd/system/sys-kernel-config.mount
 usr/lib/systemd/system/sysinit.target.wants/sys-kernel-config.mount
 /usr/lib/systemd/system/sys-kernel-debug.mount
 usr/lib/systemd/system/sysinit.target.wants/sys-kernel-debug.mount
 /usr/lib/systemd/system/systemd-journal-flush.service
 usr/lib/systemd/system/sysinit.target.wants/systemd-journal-flush.service
 /usr/lib/systemd/system/systemd-journald.service
 usr/lib/systemd/system/sysinit.target.wants/systemd-journald.service
 /usr/lib/systemd/system/systemd-modules-load.service
 usr/lib/systemd/system/sysinit.target.wants/systemd-modules-load.service
 /usr/lib/systemd/system/systemd-sysctl.service
 usr/lib/systemd/system/sysinit.target.wants/systemd-sysctl.service
 /usr/lib/systemd/system/systemd-tmpfiles-setup-dev.service
 usr/lib/systemd/system/sysinit.target.wants/systemd-tmpfiles-setup-dev.service
 /usr/lib/systemd/system/systemd-tmpfiles-setup.service
 usr/lib/systemd/system/sysinit.target.wants/systemd-tmpfiles-setup.service
 /usr/lib/systemd/system/systemd-udev-trigger.service
 usr/lib/systemd/system/sysinit.target.wants/systemd-udev-trigger.service
 /usr/lib/systemd/system/systemd-udev.service
 usr/lib/systemd/system/sysinit.target.wants/systemd-udev.service
 linkfarm/\${SYSROOT}\${ARCH}\${SDK}/usr/lib/systemd/system/systemd-halt.service
 usr/lib/systemd/system/systemd-halt.service
 linkfarm/\${SYSROOT}\${ARCH}\${SDK}/usr/lib/systemd/system/systemd-journal-flush.service
 usr/lib/systemd/system/systemd-journal-flush.service
 linkfarm/\${SYSROOT}\${ARCH}\${SDK}/usr/lib/systemd/system/systemd-journald-dev-log.socket
 usr/lib/systemd/system/systemd-journald-dev-log.socket
 infra/systemd/systemd-journald.service.d/visible.conf usr/lib/systemd/system/systemd-
 journald.service.d/visible.conf
 linkfarm/\${SYSROOT}\${ARCH}\${SDK}/usr/lib/systemd/system/systemd-fsck@.service
 usr/lib/systemd/system/systemd-fsck@.service
 linkfarm/\${SYSROOT}\${ARCH}\${SDK}/usr/lib/systemd/system/systemd-journald.socket
 usr/lib/systemd/system/systemd-journald.socket
 linkfarm/\${SYSROOT}\${ARCH}\${SDK}/usr/lib/systemd/system/systemd-kexec.service
 usr/lib/systemd/system/systemd-kexec.service
 linkfarm/\${SYSROOT}\${ARCH}\${SDK}/usr/lib/systemd/system/systemd-modules-load.service
 usr/lib/systemd/system/systemd-modules-load.service
 linkfarm/\${SYSROOT}\${ARCH}\${SDK}/usr/lib/systemd/system/systemd-poweroff.service
 usr/lib/systemd/system/systemd-poweroff.service
 linkfarm/\${SYSROOT}\${ARCH}\${SDK}/usr/lib/systemd/system/systemd-reboot.service
 usr/lib/systemd/system/systemd-reboot.service
 linkfarm/\${SYSROOT}\${ARCH}\${SDK}/usr/lib/systemd/system/systemd-sysctl.service
 usr/lib/systemd/system/systemd-sysctl.service
 linkfarm/\${SYSROOT}\${ARCH}\${SDK}/usr/lib/systemd/system/systemd-tmpfiles-setup-dev.service
 usr/lib/systemd/system/systemd-tmpfiles-setup-dev.service
 linkfarm/\${SYSROOT}\${ARCH}\${SDK}/usr/lib/systemd/system/systemd-tmpfiles-setup.service
 usr/lib/systemd/system/systemd-tmpfiles-setup.service
 linkfarm/\${SYSROOT}\${ARCH}\${SDK}/usr/lib/systemd/system/systemd-udev-settle.service

```

usr/lib/systemd/system/systemd-udev-settle.service
linkfarm/${SYSROOT}/${ARCH}/${SDK}/usr/lib/systemd/system/systemd-udev-trigger.service
usr/lib/systemd/system/systemd-udev-trigger.service
linkfarm/${SYSROOT}/${ARCH}/${SDK}/usr/lib/systemd/system/systemd-udev-control.socket
  usr/lib/systemd/system/systemd-udev-control.socket
linkfarm/${SYSROOT}/${ARCH}/${SDK}/usr/lib/systemd/system/systemd-udev-kernel.socket
usr/lib/systemd/system/systemd-udev-kernel.socket
linkfarm/${SYSROOT}/${ARCH}/${SDK}/usr/lib/systemd/system/timers.target
usr/lib/systemd/system/timers.target
linkfarm/${SYSROOT}/${ARCH}/${SDK}/usr/lib/systemd/system/time-sync.target
usr/lib/systemd/system/time-sync.target
linkfarm/${SYSROOT}/${ARCH}/${SDK}/usr/lib/systemd/system/umount.target
usr/lib/systemd/system/umount.target
linkfarm/${SYSROOT}/${ARCH}/${SDK}/usr/lib/systemd/systemd                usr/lib/systemd/systemd
linkfarm/${SYSROOT}/${ARCH}/${SDK}/usr/bin/systemd-socket-activate        usr/bin/systemd-socket-
activate
linkfarm/${SYSROOT}/${ARCH}/${SDK}/usr/lib/systemd/systemd-bootchart
usr/lib/systemd/systemd-bootchart
linkfarm/${SYSROOT}/${ARCH}/${SDK}/usr/lib/systemd/systemd-fsck
  usr/lib/systemd/systemd-fsck
linkfarm/${SYSROOT}/${ARCH}/${SDK}/usr/lib/systemd/systemd-journald        usr/lib/systemd/systemd-
journald
linkfarm/${SYSROOT}/${ARCH}/${SDK}/usr/lib/systemd/systemd-modules-load
usr/lib/systemd/systemd-modules-load
linkfarm/${SYSROOT}/${ARCH}/${SDK}/usr/lib/systemd/systemd-shutdown
usr/lib/systemd/systemd-shutdown
linkfarm/${SYSROOT}/${ARCH}/${SDK}/usr/lib/systemd/systemd-sysctl          usr/lib/systemd/systemd-
sysctl
linkfarm/${SYSROOT}/${ARCH}/${SDK}/usr/lib/systemd/systemd-timedated
usr/lib/systemd/systemd-timedated
linkfarm/${SYSROOT}/${ARCH}/${SDK}/usr/lib/systemd/systemd-udev            usr/lib/systemd/systemd-
udev
linkfarm/${SYSROOT}/${ARCH}/${SDK}/usr/lib/udev/rules.d/50-udev-default.rules
usr/lib/udev/rules.d/50-udev-default.rules
linkfarm/${SYSROOT}/${ARCH}/${SDK}/usr/lib/udev/rules.d/99-systemd.rules
  usr/lib/udev/rules.d/99-systemd.rules
linkfarm/${SYSROOT}/${ARCH}/${SDK}/usr/bin/systemd-analyze                usr/bin/systemd-analyze
linkfarm/${SYSROOT}/${ARCH}/${SDK}/usr/lib/systemd/system/machine.slice
usr/lib/systemd/system/machine.slice
infra/systemd/systemd-journald.service.d/visible.conf                    usr/lib/systemd/system/systemd-
journald.service.d/visible.conf

infra/systemd/sysctl/inotify-user-instances.conf                        etc/sysctl.d/inotify-user-instances.conf

```

Found in path(s):

* /opt/cola/permits/1130450074_1615190715.28/0/iptables-tar/linux-system/systemd-common

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```
#
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```

```
(include all-common)
```

```
(include systemd-swrt)
```

```
Found in path(s):
```

```
* /opt/cola/permits/1130450074_1615190715.28/0/iptables-tar/linux-system/all-swrt
```

```
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```

```
#
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```

```
#files related to nfs-statd.service
```

```
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/sbin/rpc.statd      usr/sbin/rpc.statd
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/sbin/sm-notify      usr/sbin/sm-notify
infra/systemd/nfs-statd.service      usr/lib/systemd/system/nfs-statd.service
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/sbin/nfsstat        usr/sbin/nfsstat
```

```
#files related to nfs-idmapd.service
```

```
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/sbin/rpc.idmapd     usr/sbin/rpc.idmapd
infra/systemd/var-lib-nfs-rpc_pipefs.mount      usr/lib/systemd/system/var-lib-nfs-rpc_pipefs.mount
# plugin nsswitch for rpc.idmapd can not be figure out automatilly by dependency.
# The directory for plugin is fix to usr/lib/libnfsidmap
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/${LIB}/libnfsidmap/nsswitch.so usr/lib/libnfsidmap/nsswitch.so
linkfarm/${SYSROOT}${ARCH}${SDK}/etc/idmapd.conf
    etc/idmapd.conf
infra/systemd/nfs-idmapd.service      usr/lib/systemd/system/nfs-idmapd.service
```

```
contrib/initscripts/binos/etc/${NFS_VER}/nfs-utils.conf  etc/nfs-utils.conf
```

```
Found in path(s):
```

```
* /opt/cola/permits/1130450074_1615190715.28/0/iptables-tar/linux-system/nfsv4/nfs-common
```

```
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```

```
#
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```

```
#
# This file contains all needed files related to nfs server daemon.
```

```
#
infra/systemd/nfs-mountd.service      usr/lib/systemd/system/nfs-mountd.service
infra/systemd/nfs-server.service      usr/lib/systemd/system/nfs-server.service
infra/systemd/proc-fs-nfsd.mount      usr/lib/systemd/system/proc-fs-nfsd.mount
```

```
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/sbin/exportfs  usr/sbin/exportfs
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/sbin/rpc.mountd  usr/sbin/rpc.mountd
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/sbin/rpc.nfsd  usr/sbin/rpc.nfsd
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/rpcinfo  usr/bin/rpcinfo
```

```
(include nfs-common)
```

```
# The following kernel modules are needed when NFSV4 support is configured
```

```
# in kernel.
```

```
# nfsd.ko depend on auth_rpcgss.ko
```

```
# auth_rpcgss.ko depend on oid_registry.ko
```

```
-${PLATFORM_SYSROOT}/usr/lib/modules/${KERNEL_VER}/kernel/lib/oid_registry.ko
```

```
usr/lib/modules/${KERNEL_VER}/kernel/lib/oid_registry.ko
```

```
${PLATFORM_SYSROOT}/usr/lib/modules/${KERNEL_VER}/kernel/net/sunrpc/auth_gss/auth_rpcgss.ko
```

```
usr/lib/modules/${KERNEL_VER}/kernel/net/sunrpc/auth_gss/auth_rpcgss.ko
```

```
Found in path(s):
```

```
* /opt/cola/permits/1130450074_1615190715.28/0/iptables-tar/linux-system/nfsv4/nfs-utils
```

```
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```

```
#
```

```
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```

```
# All rights reserved.
```

```
# This file is to store extra files needed to support NFSV4 client.
```

```
#
```

```
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/sbin/mount.nfs  usr/sbin/mount.nfs
```

```
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/sbin/umount.nfs  usr/sbin/umount.nfs
```

```
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/sbin/mount.nfs4  usr/sbin/mount.nfs4
```

```
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/sbin/umount.nfs4  usr/sbin/umount.nfs4
```

```
contrib/initscripts/binos/etc/${NFS_VER}/nfsmount.conf  etc/nfsmount.conf
```

```
${PLATFORM_SYSROOT}/usr/lib/modules/${KERNEL_VER}/kernel/fs/nfs/nfsv4.ko
```

```
usr/lib/modules/${KERNEL_VER}/kernel/fs/nfs/nfsv4.ko
```

```
(include nfs-common)
```

```
Found in path(s):
```

```
* /opt/cola/permits/1130450074_1615190715.28/0/iptables-tar/linux-system/nfsv4/nfs-utils-client
```

```
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```

```
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```

```
# All rights reserved.
```

```
(include systemd-common)
```

```
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/lib/systemd/system-preset/90-systemd.preset
```

```
usr/lib/systemd/system-preset/90-systemd.preset
```


linkfarm/\${SYSROOT}/\${ARCH}/\${SDK}/usr/bin/ipcalc usr/bin/ipcalc

Found in path(s):

* /opt/cola/permits/1130450074_1615190715.28/0/iptables-tar/linux-system/ipcalc

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linkfarm/\${SYSROOT}/\${ARCH}/\${SDK}/usr/bin/staprun usr/bin/staprun

linkfarm/\${SYSROOT}/\${ARCH}/\${SDK}/usr/libexec/systemtap/stapio usr/libexec/systemtap/stapio

Found in path(s):

* /opt/cola/permits/1130450074_1615190715.28/0/iptables-tar/linux-system/systemtap

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linkfarm/\${SYSROOT}/\${ARCH}/\${SDK}/usr/sbin/rpc.statd usr/sbin/rpc.statd

linkfarm/\${SYSROOT}/\${ARCH}/\${SDK}/usr/sbin/sm-notify usr/sbin/sm-notify

infra/systemd/nfs-statd.service usr/lib/systemd/system/nfs-statd.service

linkfarm/\${SYSROOT}/\${ARCH}/\${SDK}/usr/sbin/nfsstat usr/sbin/nfsstat

contrib/initscripts/binos/etc/\${NFS_VER}/nfs-utils.conf etc/nfs-utils.conf

Found in path(s):

* /opt/cola/permits/1130450074_1615190715.28/0/iptables-tar/linux-system/nfsv3/nfs-common

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linkfarm/\${SYSROOT}/\${ARCH}/\${SDK}/usr/bin/dmesg usr/bin/dmesg

linkfarm/\${SYSROOT}/\${ARCH}/\${SDK}/usr/bin/kill usr/bin/kill

linkfarm/\${SYSROOT}/\${ARCH}/\${SDK}/usr/bin/mount usr/bin/mount

linkfarm/\${SYSROOT}/\${ARCH}/\${SDK}/usr/bin/umount usr/bin/umount

linkfarm/\${SYSROOT}/\${ARCH}/\${SDK}/usr/sbin/agetty usr/sbin/agetty

linkfarm/\${SYSROOT}/\${ARCH}/\${SDK}/usr/sbin/blockdev usr/sbin/blockdev

linkfarm/\${SYSROOT}/\${ARCH}/\${SDK}/usr/sbin/cfdisk usr/sbin/cfdisk

linkfarm/\${SYSROOT}/\${ARCH}/\${SDK}/usr/sbin/ctrlaltdel usr/sbin/ctrlaltdel

linkfarm/\${SYSROOT}/\${ARCH}/\${SDK}/usr/sbin/fdisk usr/sbin/fdisk

linkfarm/\${SYSROOT}/\${ARCH}/\${SDK}/usr/sbin/fsck usr/sbin/fsck

linkfarm/\${SYSROOT}/\${ARCH}/\${SDK}/usr/sbin/hwclock usr/sbin/hwclock

linkfarm/\${SYSROOT}/\${ARCH}/\${SDK}/usr/sbin/mkswap usr/sbin/mkswap

linkfarm/\${SYSROOT}/\${ARCH}/\${SDK}/usr/sbin/pivot_root

```

usr/sbin/pivot_root
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/sbin/sfdisk  usr/sbin/sfdisk
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/sbin/swapoff  usr/sbin/swapoff
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/sbin/swapon  usr/sbin/swapon
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/arch  usr/bin/arch
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/cal  usr/bin/cal
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/chrt  usr/bin/chrt
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/col  usr/bin/col
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/colcrt  usr/bin/colcrt
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/colrm  usr/bin/colrm
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/column  usr/bin/column
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/flock  usr/bin/flock
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/getopt  usr/bin/getopt
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/hexdump  usr/bin/hexdump
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/ionice  usr/bin/ionice
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/ipcrm
    usr/bin/ipcrm
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/ipcs  usr/bin/ipcs
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/isosize  usr/bin/isosize
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/last  usr/bin/last
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/logger  usr/bin/logger
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/look  usr/bin/look
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/lshblk  usr/bin/lshblk
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/mesg  usr/bin/mesg
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/namei  usr/bin/namei
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/newgrp  usr/bin/newgrp
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/nsenter  usr/bin/nsenter
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/rename  usr/bin/rename
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/renice  usr/bin/renice
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/rev  usr/bin/rev
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/script  usr/bin/script
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/setuid
    usr/bin/setuid
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/setterm  usr/bin/setterm
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/taskset  usr/bin/taskset
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/ul  usr/bin/ul
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/wall  usr/bin/wall
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/whereis  usr/bin/whereis
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/write  usr/bin/write
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/sbin/fdformat  usr/sbin/fdformat
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/sbin/mkfs  usr/sbin/mkfs
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/sbin/raw  usr/sbin/raw
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/sbin/zramctl  usr/sbin/zramctl

```

Found in path(s):

* /opt/cola/permits/1130450074_1615190715.28/0/iptables-tar/linux-system/util-linux

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```
#  
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```

```
(include audit)  
(include bash)  
(include binutils)  
(include bridge-utils)  
(include busybox)  
(include bzip2)  
(include coreutils)  
(include cpio)  
(include dbus)  
(include diffutils)  
(include dosfstools)  
(include e2fsprogs)  
(include ethtool)  
(include file)  
(include filesystem)  
(include findutils)  
(include gawk)  
(include glibc)  
(include grep)  
(include gzip)  
(include initscripts)  
(include ipcalc)  
(include iproute2)  
(include iptables)  
(include iputils)  
(include kexec-tools)  
(include kmod)  
(include less)  
(include libcap)  
(include lsof)  
(include modules)  
(include ncurses)  
(include netbase)  
(include netcat)  
(include netkit-telnet)  
(include net-tools)  
(include ${NFS_VER}/nfs-utils-client)  
(include pciutils)  
(include procps)  
(include psmisc)  
(include rpcbind)  
(include sed)  
(include shadow)  
(include strace)
```

```
(include sysklogd)
(include systemtap)
(include sysvinit)
(include
tar)
(include tcpdump)
(include tftp-hpa)
(include traceroute)
(include util-linux)
```

Found in path(s):

```
* /opt/cola/permits/1130450074_1615190715.28/0/iptables-tar/linux-system/all-common
No license file was found, but licenses were detected in source scan.
```

```
#
# Copyright (c) 2020 by Cisco Systems, Inc.
# All rights reserved.
```

```
(include all-common)
```

```
(include systemd)
```

Found in path(s):

```
* /opt/cola/permits/1130450074_1615190715.28/0/iptables-tar/linux-system/all
No license file was found, but licenses were detected in source scan.
```

```
#
# November 2018, Cisco Systems, Inc.
#
# Copyright (c) 2018-2019 by Cisco Systems, Inc.
# All rights reserved
#
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/ping      usr/bin/ping
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/bin/tracepath  usr/bin/tracepath
linkfarm/${SYSROOT}${ARCH}${SDK}/usr/sbin/in.tftpd-hpa  usr/bin/tftpd
```

Found in path(s):

```
* /opt/cola/permits/1130450074_1615190715.28/0/iptables-tar/linux-system/iputils
```

1.116 iproute 5.9.0-1.el8

1.116.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
/*
*-----
* msg_iproute.c - Message file for iproute facility
```

*
* July 17, 1990, Kevin Paul Herbert
*
* Copyright (c) 1990-2013, 2015-2017, 2019 by Cisco Systems, Inc.
* All rights reserved.
*-----
*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/msg_iproute.rc
No license file was found, but licenses were detected in source scan.

/*-----
* router_af_actions_registry.c
*
* Router address family actions registry.
*
* May 2002, Victor Kamensky
*
* Copyright (c) 2002-2004, 2007-2008 by cisco Systems, Inc.
* All rights reserved.
*-----
*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/router_af_actions_registry.c
No license file was found, but licenses were detected in source scan.

/* \$id: iprouting_actions.c,v 3.2.60.2 1996/08/23 22:02:29 jserpa Exp \$
* \$Source: /release/112/cvs/Xsys/iprouting/iprouting_actions.c,v \$
*-----
* IP routing specific parsing functions.
*
* August 1994, Bruce Cole
*
* Copyright (c) 1994-2010, 2012, 2015, 2017-2018 by cisco Systems, Inc.
* All rights reserved.
*-----
* \$Log: iprouting_actions.c,v \$
* Revision 3.2.60.2 1996/08/23 22:02:29 jserpa
* CSCdi67021: router ospf <as> gets nv-ramed in reverse order of
* configuration
* Branch: California_branch
*
* Revision 3.2.60.1 1996/04/15 21:18:11 bcole
* CSCdi54649: IP Host Modularity, IP Automatic Stub Routing feature
* commit
* Branch: California_branch

*
* Revision 3.2 1995/11/17 17:34:38 hampton
* Remove old entries from the RCS header logs.

*
* Revision 3.1 1995/11/09
12:08:28 shaker
* Bump version numbers from 2.x to 3.x.

*
* Revision 2.1 1995/06/07 21:07:33 hampton
* Bump version numbers from 1.x to 2.x.

*-----
* \$Endlog\$
*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/iprouting_actions.c
No license file was found, but licenses were detected in source scan.

/* \$Id\$
* \$Source\$
*-----
* iprouting_registry.c
*
* September 2001, Fan Kong
*
* Copyright (c) 2001, 2003, 2005, 2007-2008 by cisco Systems, Inc.
* All rights reserved.
*-----
* \$Log\$
*-----
* \$Endlog\$
*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/iprouting_registry.c
No license file was found, but licenses were detected in source scan.

/* \$Id: iprouting_setup.c,v 3.4.4.1 1996/06/28 01:21:03 snyder Exp \$
* \$Source: /release/112/cvs/Xsys/iprouting/iprouting_setup.c,v \$
*-----
* IP Routing setup commands
*
* May 1993, Robert Widmer
*
* Copyright (c) 1993-2002, 2007-2008, 2010 by cisco Systems, Inc.
* All rights reserved.
*

```

*-----
* $Log: iprouting_setup.c,v $
* Revision 3.4.4.1 1996/06/28 01:21:03 snyder
* CSCdi61601: fix some char * that should have been char [] in iprouting
* Branch: California_branch
*
*       You get space back for the pointer
*       You get space back for each reference
*       You get bytes out of data space
*
* Revision 3.4 1996/03/09 22:56:04 widmer
* CSCdi47890: HTTP server doesnt work
* Add HTTP server
*
* Revision 3.3 1995/11/28 03:58:38 widmer
*
CSCdi44175: Add setup_printf to replace sprintf in setup code
*
* Revision 3.2 1995/11/17 17:34:53 hampton
* Remove old entries from the RCS header logs.
*
* Revision 3.1 1995/11/09 12:08:42 shaker
* Bump version numbers from 2.x to 3.x.
*
* Revision 2.1 1995/06/07 21:07:55 hampton
* Bump version numbers from 1.x to 2.x.
*
*-----
* $Endlog$
*/

```

Found in path(s):

```

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/iprouting_setup.c

```

No license file was found, but licenses were detected in source scan.

```

/* $Id$
* $Source$
*-----
* cfg_route_default.h
*
* September 2016, Yingzhen Qu
*
* Copyright (c) 2016 by cisco Systems, Inc.
* All rights reserved.
*-----
* $Log$
*-----
* $Endlog$

```

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/cfg_route_default.h

No license file was found, but licenses were detected in source scan.

/* \$Id: cfg_router_timers.h,v 3.2.60.1 1996/04/15 21:17:46 bcole Exp \$

* \$Source: /release/112/cvs/Xsys/iprouting/cfg_router_timers.h,v \$

* -----

* C F G _ R O U T E R _ T I M E R S . H

*

* Copyright (c) 1992-1999, 2002, 2004-2011, 2018 by cisco Systems, Inc.

* All Rights Reserved

* -----

* \$Log: cfg_router_timers.h,v \$

* Revision 3.2.60.1 1996/04/15 21:17:46 bcole

* CSCdi54649: IP Host Modularity, IP Automatic Stub Routing feature

* commit

* Branch: California_branch

*

* Revision 3.2 1995/11/17 17:32:28 hampton

* Remove old entries from the RCS header logs.

*

* Revision 3.1 1995/11/09 12:06:09 shaker

* Bump version numbers from 2.x to 3.x.

*

* Revision 2.1 1995/07/01 12:16:04 tli

* CSCdi36508: Rationalize parser file placement, part I

* Rationalize iprouting

*

* Revision 2.1 1995/06/07 22:13:13 hampton

* Bump version numbers from 1.x to 2.x.

*

* -----

* \$Endlog\$

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/internal_inc/cfg_router_timers.h

No license file was found, but licenses were detected in source scan.

/* \$Id\$

* \$Source\$

* -----

* cfg_routemap_match_ip.h -- IP specific route-map clauses

*

* March 1995 Tony Li

*

* Copyright (c) 1995-1998, 2000-2002, 2004-2005, 2007-2010, 2014 by cisco Systems, Inc.

* All rights reserved.

*-----

* \$Log\$

*-----

* \$Endlog\$

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/cfg_routemap_match_ip.h

No license file was found, but licenses were detected in source scan.

/* \$Id\$

* \$Source\$

*-----

* cfg_router_input-queue.h

*

* September 1997, Dawn Li

*

* Copyright (c) 1997-2002, 2007-2008 by cisco Systems, Inc.

* All rights reserved.

*-----

* \$Log\$

*-----

* \$Endlog\$

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/internal_inc/cfg_router_input-queue.h

No license file was found, but licenses were detected in source scan.

/*

*-----

* cfg_router_topology_mode.h - router topology configuration sub mode

* commands.

*

* Sept 2004, Mercia Zheng

*

* Copyright (c) 2004, 2007-2008 by cisco Systems, Inc.

* All rights reserved.

*-----

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/cfg_router_topology_mode.h

No license file was found, but licenses were detected in source scan.

```
/*-----  
* routemap_api.h -- Dynamic routemap API definitions.  
*  
* May 2003, Tanya Shastri  
*  
* Copyright (c) 2003, 2005-2009, 2011, 2013, 2015, 2018-2019 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/routemap_api.h  
No license file was found, but licenses were detected in source scan.
```

```
/*-----  
* msg_routemap.c -- Message system definitions for Route-map  
*  
* Copyright (c) 2003, 2007-2008 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/msg_routemap.c  
No license file was found, but licenses were detected in source scan.
```

```
/* $Id$  
* $Source$  
*-----  
* iprouting_init_ionized.c - ION specific IP Routing Protocol support.  
*  
* September 2001, Chandra Appanna  
*  
* Copyright (c) 2001-2012 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
* $Log$  
*-----  
* $Endlog$  
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/iprouting_init_ionized.c  
No license file was found, but licenses were detected in source scan.
```

```
/* $Id$  
* $Source$
```

```
*-----
* IP routing clear commands
*
* May 1993, Robert Widmer
*
* Copyright (c) 1993-1999, 2001-2002, 2004-2010 by cisco Systems, Inc.
* All rights reserved.
```

```
*-----
* $Log$
*-----
* $Endlog$
*/
```

Found in path(s):

```
*/opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/exec_clear_ip_routing.h
No license file was found, but licenses were detected in source scan.
```

```
/* $Id$
* $Source$
*-----
* iprouting_debug.c -- Debugging routines for IP routing
*
* May 1993, John Bashinski
*
* Copyright (c) 1993-2010, 2019 by Cisco Systems, Inc.
* All rights reserved.
*-----
* $Log$
*-----
* $Endlog$
*/
```

Found in path(s):

```
*/opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/iprouting_debug.c
No license file was found, but licenses were detected in source scan.
```

```
/*
*
*-----
* Generic route tag list support.
*
* June 2011, Karthik Subramaniam
*
* Copyright (c) 1997-2008, 2010-2012 by cisco Systems, Inc.
* All rights reserved.
*-----
* $Endlog$
```

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/routetag_list.h
No license file was found, but licenses were detected in source scan.

/*

*-----

* C F G _ R O U T E R _ B F D . H

*

* Copyright (c) 2004-2008, 2010-2011, 2015 by cisco Systems, Inc.

* All Rights Reserved

*-----

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/cfg_router_bfd.h
No license file was found, but licenses were detected in source scan.

/*

*-----

* route_map_ion.h - Route map support data structures specific to ION.

*

* January 2002, Siva Yaragalla

*

* Copyright (c) 2002-2009, 2011 by cisco Systems, Inc.

* All rights reserved.

*-----

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/internal_inc/route_map_ion.h
No license file was found, but licenses were detected in source scan.

/*

*-----

* network_constants.h -- General Networking Constants

*

* June 2002, interest-idb

*

* Copyright (c) 2002-2004, 2007-2008 by cisco Systems, Inc.

* All rights reserved.

*

*-----

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/network_constants.h

No license file was found, but licenses were detected in source scan.

```
/*-----  
* route3_blob.c  
*  
* IOS and blob specific route3.c parser functions.  
*  
* March 2002, Victor Kamensky  
*  
* Copyright (c) 2002-2003, 2005, 2007-2008 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
*/
```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/route3_blob.c

No license file was found, but licenses were detected in source scan.

```
/* $Id: cfg_router.h,v 3.2.60.2 1996/08/12 16:03:38 widmer Exp $  
* $Source: /release/112/cvs/Xsys/iprouting/cfg_router.h,v $  
*-----  
* C F G _ R O U T E R . H  
*  
* Enter router subcommand mode  
*  
* Copyright (c) 1992-2002, 2005, 2007-2009, 2015, 2017-2018 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
* $Log: cfg_router.h,v $  
* Revision 3.2.60.2 1996/08/12 16:03:38 widmer  
* CSCdi65725: Create Eolns macro that defaults csb->which to 0  
* Branch: California_branch  
* Add Eolns and Nvgenns macro that default csb->which to 0  
* Remove hidden keyword help strings  
*  
* Revision 3.2.60.1 1996/04/15 21:17:43 bcole  
* CSCdi54649: IP Host Modularity, IP Automatic Stub Routing feature  
* commit  
* Branch: California_branch  
*  
* Revision 3.2 1995/11/17 17:31:56 hampton  
* Remove old  
entries from the RCS header logs.  
*  
* Revision 3.1 1995/11/09 12:05:20 shaker  
* Bump version numbers from 2.x to 3.x.  
*  
* Revision 2.1 1995/07/01 12:15:46 tli
```

* CSCdi36508: Rationalize parser file placement, part I

* Rationalize iprouting

*

* Revision 2.1 1995/06/07 22:12:17 hampton

* Bump version numbers from 1.x to 2.x.

*

*-----

* \$Endlog\$

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/cfg_router.h

No license file was found, but licenses were detected in source scan.

/*

*-----

* routemap_debug_flags.h -- Routemap debugging support

*

* July 1998, Wilber Su

*

* Copyright (c) 1998, 2004, 2007-2008, 2014 by cisco Systems, Inc.

* All rights reserved.

*-----

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/routemap_debug_flags.h

No license file was found, but licenses were detected in source scan.

/*

*-----

* IOS prefix list support.

*

* March 2005, Sarath Chandran

*

* Copyright (c) 2005, 2007-2008 by cisco Systems, Inc.

* All rights reserved.

*-----

*

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/ip_prefixlist_ios.c

No license file was found, but licenses were detected in source scan.

/*

*-----

* cfg_router_auto_summary.h

```
*
* October 1993
*
* Copyright (c) 1993-1996, 1999-2009 by cisco Systems, Inc.
* All rights reserved.
*
* Supports the router subcommand "auto-summary". Configures auto aggregation
* of routing information to the network number level.
*-----
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-
tar/iprouting_cmn/internal_inc/cfg_router_auto_summary.h
No license file was found, but licenses were detected in source scan.
```

```
/* $Id$
* $Source$
*-----
* router_topology_chain.c - Parser chains of router topology sub mode
*   for multi-topology routing support
* Sept 2004, Mercia Zheng
*
* Copyright (c) 2004-2010, 2019 by cisco Systems, Inc.
* All rights reserved.
*-----
* $Log$
*-----
* $Endlog$
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/router_topology_chain.c
No license file was found, but licenses were detected in source scan.
```

```
/*-----
* routing_context.c
*
* This file has global definitions for routing context support
* common to blob and iprouting proceses.
*
* March 2009, Derek Yeung
*
* Copyright (c) 2009 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/routing_context.c

No license file was found, but licenses were detected in source scan.

/* \$Id: cfg_routemap_set_policy.h,v 3.3.52.1 1996/05/21 09:53:12 thille Exp \$

* \$Source: /release/112/cvs/Xsys/iprouting/cfg_routemap_set_policy.h,v \$

*-----

* cfg_routemap_set_policy.h -- Policy specific route map clauses

*

* Mar 1995 Tony Li

*

* Copyright (c) 1995-1996, 2000, 2002, 2004, 2007-2009 by cisco Systems, Inc.

* All rights reserved.

*-----

* \$Log: cfg_routemap_set_policy.h,v \$

* Revision 3.3.52.1 1996/05/21 09:53:12 thille

* CSCdi51599: multiple /interface/ literals bloat code.

* Branch: California_branch

* Save another 392 bytes by doing away with duplicate literals.

*

* Revision 3.3 1995/11/28 19:50:39 widmer

* CSCdi44251: Replace Ifelse(csb->in_help)/Eval with Func

*

* Revision 3.2 1995/11/17 17:31:55 hampton

* Remove old entries from the RCS header logs.

*

* Revision 3.1 1995/11/09 12:05:18 shaker

* Bump version numbers from 2.x to 3.x.

*

* Revision 2.3 1995/06/21 18:16:03 widmer

* CSCdi36227: Fix parse chain alternates

*

* Revision 2.2 1995/06/15 15:18:47 widmer

* CSCdi35889: parser transition structures should be static

*

* Revision 2.1 1995/06/07 21:05:42 hampton

* Bump version numbers from 1.x to 2.x.

*

*-----

* \$Endlog\$

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-

tar/iprouting_cmn/include/cfg_routemap_set_policy.h

No license file was found, but licenses were detected in source scan.

/*

```
*-----
* route_map_registry.h -- Registration Points for Route Maps support in ION
*
* July 2001, Siva Yaragalla
*
* Copyright (c) 2001, 2003, 2005, 2007-2008 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

```
*/opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/route_map_registry.h
No license file was found, but licenses were detected in source scan.
```

```
/*
*-----
* route_map_nbcmn.c -- Route map support non-Blob common routines
*
* October 2001, Siva Yaragalla
*
* Copyright (c) 2001-2013, 2018, 2020 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

```
*/opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/route_map_nbcmn.c
No license file was found, but licenses were detected in source scan.
```

```
/*-----
* routing_context.h - Routing Context library API
*
* March 2009, Derek Yeung
*
* Copyright (c) 2009 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

```
*/opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/routing_context.h
No license file was found, but licenses were detected in source scan.
```

```
/*
*-----
* routemap_track_ios.c -- Route map support for tracking
*           Functions shared by rp & vip.
*
*/
```

* March 2003 Shyan Wignarajah

*

* Copyright (c) 2003-2010, 2013-2014, 2016 by cisco Systems, Inc.

* All rights reserved.

*-----

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/routemap_track_ios.c

No license file was found, but licenses were detected in source scan.

/*

*-----

* IP routing table flap statistics collection facility.

*

* Nov 1996, Ravi Chandra

*

* Copyright (c) 1995-1998, 2001-2005, 2007-2010 by cisco Systems, Inc.

* All rights reserved.

*-----

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/iprouting_stats.c

No license file was found, but licenses were detected in source scan.

/*

*-----

* route_capability.h

*

* August 2003, Peter Psenak

*

* Copyright (c) 2003-2004, 2007-2009, 2011, 2015 by Cisco Systems, Inc.

* All rights reserved.

*-----

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/route_capability.h

No license file was found, but licenses were detected in source scan.

/*-----

* route_map_registry.c

*

* July 2001, Siva Yaragalla

*

* Copyright (c) 2001, 2003, 2007-2008 by cisco Systems, Inc.

* All rights reserved.

```
*-----  
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/route_map_registry.c  
No license file was found, but licenses were detected in source scan.
```

```
/* $Id$  
* $Source$  
*-----  
* cfg_routemap_set_ip.h -- IP specific route-map clauses  
*  
* Mar 1995 Tony Li  
*  
* Copyright (c) 1995-1998, 2000-2004, 2006-2013, 2016, 2019 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
* $Log$  
*-----  
* $Endlog$  
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/cfg_routemap_set_ip.h  
No license file was found, but licenses were detected in source scan.
```

```
/*  
*-----  
* routemap_internal.h  
*  
* Route map support data structures.  
* To be included only by routemap code.  
*  
* Copyright (c) 1986-2003, 2005-2009, 2011, 2013-2015, 2018 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/routemap_internal.h  
No license file was found, but licenses were detected in source scan.
```

```
/* $Id: cfg_ip_prefixlist.h,v 3.1.2.2 1998/02/23 19:43:42 enkechen Exp $  
* $Source: /release/111/cvs/Xsys/ip/cfg_ip_prefixlist.h,v $  
*-----  
* cfg_ip_prefix.h -- IP Prefix List Parser Commands  
*  
* June 1997, Enke Chen
```

```

*
* Copyright (c) 1997-2001, 2004, 2007-2008, 2019 by cisco Systems, Inc.
* All rights reserved.
*-----
* $Log: cfg_ip_prefixlist.h,v $
* Revision 3.1.2.2 1998/02/23 19:43:42 enkechen
* CSCdj75270: Prefix-list: optimization for downloading large lists
* Branch: FIB_branch
*
* Revision 3.1.2.1 1997/12/17 21:36:57 enkechen
* CSCdj61356: Prefix-list - facility for efficient route filtering
* Branch: FIB_branch
*
* Revision 3.1 1997/12/17 01:46:33 enkechen
* Start with the new file.
*
*-----
* $Endlog$
*/

```

Found in path(s):

```

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/cfg_ip_prefixlist.h
No license file was found, but licenses were detected in source scan.

```

```

/* $Id$
* $Source$
*-----
* cfg_router_flash-threshold.h
*
* January 1998, 2001 Dawn Li
*
* Copyright (c) 1998-1999, 2001, 2007-2008 by cisco Systems, Inc.
* All rights reserved.
*-----
* $Log$
*-----
* $Endlog$
*/

```

Found in path(s):

```

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/internal_inc/cfg_router_flash-
threshold.h
No license file was found, but licenses were detected in source scan.

```

```

/*
*-----
* routemap_ios.c -- Route map support routines that can be shared
* by RP and VIP/LC

```

*
* July 1998 Wilber Su
*
* Copyright (c) 1998-2020 by cisco Systems, Inc.
* All rights reserved.
*-----
*/

Found in path(s):
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/routemap_ios.c
No license file was found, but licenses were detected in source scan.

/*
*-----
* policylist_ios.c - IOS stubs for notification routines
* in policylist code
*
* Jun 2005, Tony P. Ambalathingal
*
* Copyright (c) 2003, 2005, 2007-2008 by cisco Systems, Inc.
* All rights reserved.
*-----
*/

Found in path(s):
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/policylist_ios.c
No license file was found, but licenses were detected in source scan.

/*
*-----
* route_map_http_ion.c
*
* March, 2003 Phil Winterfield
*
*
* Copyright (c) 2003-2004, 2006-2008 by cisco Systems, Inc.
* All rights reserved.
*-----
*/

Found in path(s):
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/route_map_http_ion.c
No license file was found, but licenses were detected in source scan.

/*-----
* route_map_globs.c
*
* This file has the route map globals common to blob (for lc images)

```
* and routing process(for routing images).
*
* Copyright (c) 2002-2005, 2007-2008 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

```
Found in path(s):
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/route_map_globs.c
No license file was found, but licenses were detected in source scan.
```

```
# All rights reserved.
```

```
Found in path(s):
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-
tar/iprouting_cmn/include/reg/route_map_registry.reg
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-
tar/iprouting_cmn/include/reg/router_topology_registry.reg
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/makefile
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-
tar/iprouting_cmn/include/reg/ion_iprouting_cmd_registry.reg
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-
tar/iprouting_cmn/include/reg/router_af_actions_registry.reg
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/.signature/makefile
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-
tar/iprouting_cmn/include/reg/routing_context_registry.reg
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/reg/iprouting_registry.reg
*
/opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/reg/lfafr_registry.reg
No license file was found, but licenses were detected in source scan.
```

```
/*
*-----
* ip_prefixlist_ion.h - IP Prefix Lists support for ION
*
* June 2002, Siva Yaragalla
*
* Copyright (c) 2002, 2005, 2007-2017 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

```
Found in path(s):
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/ip_prefixlist_ion.h
No license file was found, but licenses were detected in source scan.
```

```
/* $Id: cfg_router_distribute.h,v 3.3.50.2.6.1 1996/09/12 19:08:19 perry Exp $
* $Source: /release/112/cvs/Xsys/iprouting/cfg_router_distribute.h,v $
```

```

*-----
* CFG_ROUTER_DISTRIBUTE.H
*
* Copyright (c) 1992-2001, 2003-2012, 2015-2016, 2018 by cisco Systems, Inc.
* All Rights Reserved
*-----
* $Log: cfg_router_distribute.h,v $
* Revision 3.3.50.2.6.1 1996/09/12 19:08:19 perryl
* Branch: Att-branch
* Allow virtual-access interface for distribute-list
*
* Revision 3.3.50.2 1996/08/12 16:03:44 widmer
* CSCdi65725: Create Eolns macro that defaults csb->which to 0
* Branch: California_branch
* Add Eolns and Nvgenns macro that default csb->which to 0
* Remove hidden keyword help strings
*
* Revision 3.3.50.1 1996/05/04 01:21:18 wilber
* Branch: California_branch
*
* Constrained Multicast Flooding
* - Define MOSPF hello option bit.
*
* Name Access List
*
* Revision 3.3 1995/12/04 06:47:13 tli
* CSCdi43559: IP: distribute-list 101 out should work
*
* Revision 3.2 1995/11/17 17:32:10 hampton
* Remove old entries from the RCS header logs.
*
* Revision 3.1 1995/11/09 12:05:34 shaker
* Bump version numbers from 2.x to 3.x.
*
* Revision 2.1 1995/07/01 12:15:52 tli
* CSCdi36508: Rationalize parser file placement, part I
* Rationalize iprouting
*
* Revision 2.1 1995/06/07 22:12:36 hampton
* Bump version numbers from 1.x to 2.x.
*
*-----
* $Endlog$
*/

```

Found in path(s):

```

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-
tar/iprouting_cmn/internal_inc/cfg_router_distribute.h

```

No license file was found, but licenses were detected in source scan.

```
/*
*-----
* policylist_blob.c - Routines to handle policy-list commands.
*     Common for IOS and ION Blob.
*
* November 2003, Siva Yaragalla
*
* Copyright (c) 2003-2008, 2010 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/policylist_blob.c

No license file was found, but licenses were detected in source scan.

```
/*-----
* ip_stats.c - IP for topology aware stats
*
* April 2006, Jonsky Hsu
*
* Copyright (c) 2006-2010 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/ip_stats.c

No license file was found, but licenses were detected in source scan.

```
/*-----
* IP routemap test commands
*
* May 2003, Tanya Shastri
*
* Copyright (c) 2003, 2005-2008, 2011-2013, 2015, 2018-2019 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/exec_test_ip_routemap.h

No license file was found, but licenses were detected in source scan.

```
/*-----  
* route_map_def.h - Route Map Tyep Definition  
*  
* Feb, 2006 Allen Hu  
*  
* Copyright (c) 2006-2008, 2017 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/route_map_def.h  
No license file was found, but licenses were detected in source scan.
```

```
/*-----  
* ip_prefixlist_ionized.c - IP Prefix Lists support for ionized processes  
*  
* August 2001, Siva Yaragalla  
*  
* Copyright (c) 2001-2004, 2007-2008 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/ip_prefixlist_ionized.c  
No license file was found, but licenses were detected in source scan.
```

```
/*$Id: cfg_router_maximum-paths.h,v 3.2 1995/11/17 17:32:11 hampton Exp $  
*$Source: /swt/cherf.111/ios/sys/iprouting/cfg_router_maximum-paths.h,v $  
*-----  
* cfg_router_maximum-paths.h  
*  
* <July> 1994 rchandra  
*  
* Copyright (c) 1994-2016, 2019 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
*$Log: cfg_router_maximum-paths.h,v $  
* Revision 3.2 1995/11/17 17:32:11 hampton  
* Remove old entries from the RCS header logs.  
*  
* Revision 3.1 1995/11/09 12:05:39 shaker  
* Bump version numbers from 2.x to 3.x.  
*  
* Revision 2.1 1995/07/01 12:15:53 tli  
* CSCdi36508: Rationalize parser file placement, part I
```

```
* Rationalize iprouting
*
* Revision 2.1 1995/06/07 22:12:44 hampton
* Bump version numbers from 1.x to 2.x.
*
*-----
* $Endlog$
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-
tar/iprouting_cmn/internal_inc/cfg_router_maximum-paths.h
No license file was found, but licenses were detected in source scan.
```

```
/*-----
* router_af_actions.h
*
* Router Address Family action declarations.
*
* May 2002, Victor Kamensky
*
* Copyright (c) 2002, 2004-2005, 2007-2008 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/router_af_actions.h
No license file was found, but licenses were detected in source scan.
```

```
/*
*-----
* ion_iprouting_cmd_registry.c
*
* September 2001, Rashmi Shrivastava
*
* Copyright (c) 2001, 2003, 2005-2008 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/ion_iprouting_cmd_registry.c
No license file was found, but licenses were detected in source scan.
```

```
/*
*-----
* protofltr.h
```

```

*
* Routing protocol filter manager Public API definitions
*
* Jan 2006, Mercia Zheng
*
* Copyright (c) 2005-2011, 2020 by cisco Systems, Inc.
* All rights reserved.
*-----
*/

```

Found in path(s):

```

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/internal_inc/protofltr.h
No license file was found, but licenses were detected in source scan.

```

```

/* $Id$
* $Source$
*-----
* cfg_router_validate.h
*
* Nob to allow user to decide whether or not system should sanity check
* source IP address of incoming routing updates.
*
* March 1994, Bruce Cole
*
* Copyright (c) 1994-2002, 2007-2008 by cisco Systems, Inc.
* All rights reserved.
*
*-----
* $Log$
*-----
* $Endlog$
*/

```

Found in path(s):

```

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/internal_inc/cfg_router_validate.h
No license file was found, but licenses were detected in source scan.

```

```

/* $Id: exec_show_route-map.h,v 3.2.60.1 1996/08/12 16:04:13 widmer Exp $
* $Source: /release/112/cvs/Xsys/iprouting/exec_show_route-map.h,v $
*-----
* exec_show_route-map.h
*
* Copyright (c) 1993-1996, 1998, 2003-2008, 2011 by cisco Systems, Inc.
* All rights reserved.
*
* Command parsing chain for "show route-map".
*-----
* $Log: exec_show_route-map.h,v $

```

* Revision 3.2.60.1 1996/08/12 16:04:13 widmer
* CSCdi65725: Create Eolns macro that defaults csb->which to 0
* Branch: California_branch
* Add Eolns and Nvgenns macro that default csb->which to 0
* Remove hidden keyword help strings

*
* Revision 3.2 1995/11/17 17:33:31 hampton
* Remove old entries from the RCS header logs.

*
* Revision 3.1 1995/11/09 12:07:29 shaker
* Bump version numbers from 2.x to 3.x.

*
*
Revision 2.1 1995/07/01 12:16:22 tli
* CSCdi36508: Rationalize parser file placement, part I

* Rationalize iprouting

*
* Revision 2.1 1995/06/07 22:25:36 hampton
* Bump version numbers from 1.x to 2.x.

*
*-----
* \$Endlog\$

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/exec_show_route-map.h

No license file was found, but licenses were detected in source scan.

/*
*-----
* routemap_debug.h -- Routemap debugging support

*
* July 1998, Wilber Su

*
* Copyright (c) 1998, 2004, 2007-2008 by cisco Systems, Inc.

* All rights reserved.
*-----

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/routemap_debug.h

No license file was found, but licenses were detected in source scan.

/*
*-----
* exec_debug_routemapapi.h -- Debugging for Route-map API

*
* May 2003, Tanya Shastri

*
* Copyright (c) 2003-2004, 2007-2008, 2014 by cisco Systems, Inc.
* All rights reserved.
*-----
*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-
tar/iprouting_cmn/include/exec_debug_routemapapi.h
No license file was found, but licenses were detected in source scan.

/* \$Id\$
* \$Source\$
*-----
* iprouting_commands.h -- Support for extern command function decleration
*
* September 2001, Rashmi Shrivastava
*
* Copyright (c) 2001-2010, 2013, 2016 by cisco Systems, Inc.
* All rights reserved.
*-----
* \$Log\$
*-----
* \$Endlog\$
*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-
tar/iprouting_cmn/internal_inc/iprouting_commands.h
No license file was found, but licenses were detected in source scan.

/*
* P A R S E R _ D E F S _ R O U T E R . H
*
* \$Id: parser_defs_router.h,v 3.1.40.2 1996/07/30 06:56:06 rchandra Exp \$
* \$Source: /release/112/cvs/Xsys/iprouting/parser_defs_router.h,v \$
*
* Copyright (c) 1985-2020 by cisco Systems, Inc.
* All rights reserved.
*
*-----
* \$Log: parser_defs_router.h,v \$
* Revision 3.1.40.2 1996/07/30 06:56:06 rchandra
* CSCdi64489: BGP: private-AS number cannot be removed from AS-path
* Branch: California_branch
* - add 'neighbor x.x.x.x remove-private-AS' command.
* - add 'inbound' keyword to 'neighbor x.x.x.x soft-reconfiguration'
* command (CSCdi64487)

```

*
* Revision 3.1.40.1 1996/04/16 19:02:10 rchandra
* CSCdi54830: IP features commit
* Branch: California_branch
*
* Revision 3.1 1996/02/01 04:58:48 hampton
* Migrate files out of the parser directory. [CSCdi47717]
* Step 1: Create
copies of the files to be moved in their new location.
*
* Revision 3.2 1995/11/17 18:52:17 hampton
* Remove old entries from the RCS header logs.
*
* Revision 3.1 1995/11/09 12:56:05 shaker
* Bump version numbers from 2.x to 3.x.
*
* Revision 2.4 1995/08/28 21:14:47 rchandra
* CSCdi39436: BGP : Allow conditional unsuppression of suppressed routes
* - add 'neighbor x.x.x.x unsuppress-map <map>' command
*
* Revision 2.3 1995/07/06 23:11:21 rchandra
* CSCdi36759: BGP : Add conditional per neighbor default generation
* - add 'neighbor <x.x.x.x> default-originate route-map <tag>' command.
*
* Revision 2.2 1995/06/30 20:24:40 rchandra
* CSCdi36620: BGP requires IBGP neighbors to be fully meshed
*
* Revision 2.1 1995/06/07 22:31:08 hampton
* Bump version numbers from 1.x to 2.x.
*
*-----
* $Endlog$
*/

```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/parser_defs_router.h
```

No license file was found, but licenses were detected in source scan.

```

#-----
# iproutingcmn_router_cmd.run-doxygen -- Run-doxygen Configuration File for
#           IP Routing Common Router Commands
#
# December 2007, Chi Iong Ansjory
#
# Copyright (c) 2007-2008, 2012 by cisco Systems, Inc.
# All rights reserved.
#-----

```

```

#-----
# RUN-DOXYGEN CONFIG FILE
#
# The variables defined in this file are used by the run-doxygen script to
# execute doxygen and generate API documentation.
# This file will be sourced by a bourne shell script (/bin/sh)
# and so must follow the bourne shell script syntax
#
# This default configuration file is setup to work for the XOS project.
# If you want to reuse it, you must customize the properties below in order to
# make it work for your project.

#
# For more help contact doxygen-trolls@cisco.com
#-----

# The PROJECT_NAME variable is a single word (or a sequence of words surrounded
# by quotes) that should identify the project.

PROJECT_NAME=IPROUTINGCMN_ROUTER_CMD

# The PROJECT_NUMBER tag can be used to enter a project or revision number.
# This could be handy for archiving the generated documentation or
# if some version control system is used.

PROJECT_NUMBER=0.1.0.2

# The latest version of doxygen can be picked on the shared storage
# of the XOS/Component Framework team
# This executable can only run on linux 2.6 !!!!
#DOXYGEN=/auto/ios_comp/tools/doxygen-1.5.4/bin/doxygen
# Change this sanity check when doxygen will be supported for other hosts
#host=`uname -s`
#host_version=`uname -r`
#if [ $host != "Linux" ]; then
#  echo "Error: this wrapper can only be executed from Linux"
#  exit
#fi
#if [ $host_version \< "2.6" ]; then
#  echo "Error:
#  this wrapper requires Linux 2.6 or higher"
#  exit
#fi
#
#
# The location of the latex suite, this is needed only if the PDF
# generation option is used (-f)
# This binary is also only available on linux 2.6

```

```

#
#LATEX_PATH=/auto/ios_comp/tools/tetex/bin/i686-pc-linux-gnu
#LATEX_PATH=/usr/bin
#
#-----

# Use this variable to specify one or more wildcard pattern (like *.cpp
# and *.h) to filter out the source-files in the directories.

FILE_PATTERNS="ip_stats.h iprouting_debug.h router_af_actions_registry.reg.h"

# Exclude all internal defines (defines used to guard against multiple
# inclusions of the same header file)
EXCLUDE_SYMBOLS="__*_H__ reg_add* reg_delete* service_* reg_used* \
_reg_add* reg_inv_* reg_svr* _registry_* registry* REG_ELOG *_GEN_ID \
*_DEFINED *_argt *_res \
bgp* ospf* debug* route_debug* igrp* ipcache* ipproc* ip_mobile* netred* \
iprouting_acl DEBUG_ROUTING_PROT MISC_DEBUG_VARS \
DEBUG_ROUTING*
ALTP_BGF* __DEBUG_FLAGS* \
iprouting_debug_init iprouting_set_debug_array iprouting6_debug_list_command \
iprouting_debug_list_command iprouting_nsap_debug_list_command \
iprouting_debug_acl_notify \
reg_invoke_address_family_action_get_entries \
reg_invoke_address_family_action_nvgen_exit"

# When all symbols in a project start with a common prefix, by default all
# symbols will be put under the same header in the alphabetical index.
# The IGNORE_PREFIX tag can be used to specify one or more prefixes that
# should be ignored while generating the index headers. This will allow
# to spread the symbol index more evenly.

IGNORE_PREFIX="xos_XOS_"

# If the EXTRACT_ALL tag is set to YES doxygen will assume all entities in
# documentation are documented, even if no documentation was available.
# Private class members and static file members will be hidden unless
# the EXTRACT_PRIVATE and EXTRACT_STATIC tags are set to YES

EXTRACT_ALL=YES

# If the EXTRACT_STATIC tag is set to
# YES all static members of a file
# will be included in the documentation.

EXTRACT_STATIC=YES

# If the HIDE_UNDOC_MEMBERS tag is set to YES, Doxygen will hide all

```

undocumented members of documented classes, files or namespaces.
If set to NO (the default) these members will be included in the
various overviews, but no documentation section is generated.
This option has no effect if EXTRACT_ALL is enabled.

HIDE_UNDOC_MEMBERS=NO

#-----

VARIABLES RELATED TO DOXYGEN OUTPUT

This is the root of the destination folder (local variable)
Note that the archive area and the workspace area do not have to share the
same destination root.

DST_BASE=/auto/ios_comp/iprouting_cmnn

This is the URL through which the DST_BASE folder can be accessed
from the intranet. This URL depends on the location of the storage.
Contact IT to find out the correct URL.

(Local variable)

URL_DST_BASE=http://sjc-filer29a-web/projects/ios_comp/iprouting_cmnn

#

---- WORKSPACE AREA

Relative path (to DST_BASE) - used by OUTPUT_WORKSPACE (local variable)

WORKSPACE_FOLDER=api-docs

This is the full pathame of the root under which all normal output folders will be located

OUTPUT_WORKSPACE=\$DST_BASE/\$WORKSPACE_FOLDER

This is the URL of the above OUTPUT_WORKSPACE directory

Only used for displaying where to access the documentation after the doxygen run

URL_WORKSPACE=\$URL_DST_BASE/\$WORKSPACE_FOLDER

---- ARCHIVE AREA

Relative path (to DST_BASE) - used by OUTPUT_ARCHIVE (local variable)

ARCHIVE_FOLDER=archive/xoslib

This is the full pathame of the root under which all archive output folders will be located

OUTPUT_ARCHIVE=\$DST_BASE/\$ARCHIVE_FOLDER

This is the URL of the above OUTPUT_WORKSPACE directory

Only used for displaying where to access the documentation after the doxygen run

URL_ARCHIVE=\$URL_DST_BASE/\$ARCHIVE_FOLDER

#-----

#

VARIABLES RELATED TO DOXYGEN INPUT

```

# This is the root of the API source code (local variable)
SRC_BASE=/vob/cisco.comp/routing/iprouting_cmn

# This is the location of all the API public header files (or directories)
# In XOS all public header files are located in one directory
API_PUBLIC="$SRC_BASE/include $SRC_BASE/include/reg"
#API_PUBLIC="$SRC_BASE/include"

# This is the location of all the API source code, used with option -all only
# if you want to generate doxygen documentation for the source code
# (only useful for internal code review)
# Do not put the content of API_PUBLIC as it is added automatically
API_ALL="$SRC_BASE/shared $SRC_BASE/ios $SRC_BASE/iox $SRC_BASE/linux"

# The EXAMPLE_PATH tag can be used to specify one or more files or
# directories that contain example code fragments that are included (see
# the @example command).

```

```
EXAMPLE_PATH=$SRC_BASE/test/src
```

```

# The IMAGE_PATH tag can be used to specify one or more
# directories that contain image that are included
# in the documentation (see
# the @image command).
# This is only used/relevant if you have images in your API documentation.

```

```
IMAGE_PATH=$DST_BASE/api-docs-images
```

Found in path(s):

```

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-
tar/iprouting_cmn/docs/iproutingcmn_router_cmd.run-doxygen
No license file was found, but licenses were detected in source scan.

```

```

/* $Id: cfg_router_network.h,v 3.2.60.1 1996/08/12 16:03:46 widmer Exp $
* $Source: /release/112/cvs/Xsys/iprouting/cfg_router_network.h,v $
*-----
* C F G _ R O U T E R _ N E T W O R K . H
*
* Copyright (c) 1992-2002, 2004-2009, 2013, 2018 by cisco Systems, Inc.
* All Rights Reserved
*-----
* $Log: cfg_router_network.h,v $
* Revision 3.2.60.1 1996/08/12 16:03:46 widmer
* CSCdi65725: Create Eolns macro that defaults csb->which to 0
* Branch: California_branch
* Add Eolns and Nvgenns macro that default csb->which to 0
* Remove hidden keyword help strings
*

```

```

* Revision 3.2 1995/11/17 17:32:18 hampton
* Remove old entries from the RCS header logs.
*
* Revision 3.1 1995/11/09 12:05:49 shaker
* Bump version numbers from 2.x to 3.x.
*
* Revision 2.2 1995/09/25 08:30:52
tli
* CSCdi40960: ISP jumbo patch 2
*
* Revision 2.1 1995/07/01 12:15:58 tli
* CSCdi36508: Rationalize parser file placement, part I
* Rationalize iprouting
*
* Revision 2.1 1995/06/07 22:12:56 hampton
* Bump version numbers from 1.x to 2.x.
*
*-----
* $Endlog$
*/

```

Found in path(s):

```

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-
tar/iprouting_cmn/internal_inc/cfg_router_network.h

```

No license file was found, but licenses were detected in source scan.

```

/* $Id: exec_show_ip_prefixlist.h,v 3.1.2.1 1997/12/17 21:36:59 enkechen Exp $
* $Source: /release/111/cvs/Xsys/ip/exec_show_ip_prefixlist.h,v $
*-----
* exec_show_ip_prefixlist.h -- Show IP prefix lists
*
* July 1997 Enke Chen
*
* Copyright (c) 1994-1998, 2000-2001, 2007-2008, 2010 by cisco Systems, Inc.
* All rights reserved.
*-----
* $Log: exec_show_ip_prefixlist.h,v $
* Revision 3.1.2.1 1997/12/17 21:36:59 enkechen
* CSCdj61356: Prefix-list - facility for efficient route filtering
* Branch: FIB_branch
*
* Revision 3.1 1997/12/17 01:46:35 enkechen
* Start with the new file.
*
*-----
* $Endlog$
*/

```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/exec_show_ip_prefixlist.h

No license file was found, but licenses were detected in source scan.

/*

*-----

* routemap_track.h -- Route map support for tracking

*

* March 2003 Shyan Wignarajah

*

* Copyright (c) 2003, 2006-2008, 2010, 2012-2014 by cisco Systems, Inc.

* All rights reserved.

*-----

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/routemap_track.h

No license file was found, but licenses were detected in source scan.

/*

*-----

* Generic prefix list support - prefix lists private header file

*

* March 2002, Siva Yaragalla

*

* Copyright (c) 2002, 2004, 2007-2008 by cisco Systems, Inc.

* All rights reserved.

*-----

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/ip_prefixlist_private.h

No license file was found, but licenses were detected in source scan.

/*

* \$Id: route_map.h,v 3.3.12.6 1996/05/04 01:22:42 wilber Exp \$

* \$Source: /release/112/cvs/Xsys/iprouting/route_map.h,v \$

*-----

* route_map.h

*

* Route map support data structures.

*

* Copyright (c) 1986-2020 by cisco Systems, Inc.

* All rights reserved.

*-----

* \$Log: route_map.h,v \$

* Revision 3.3.12.6 1996/05/04 01:22:42 wilber

* Branch: California_branch

*
 * Constrained Multicast Flooding
 * - Define MOSPF hello option bit.
 *
 * Name Access List
 *
 * Revision 3.3.12.5 1996/04/16 19:02:23 rchandra
 * CSCdi54830: IP features commit
 * Branch: California_branch
 *
 * Revision 3.3.12.4 1996/04/05 03:46:42 rchandra
 * CSCdi53755: BGP: flap dampening settings not flexible enough
 * Branch: California_branch
 * - add route-map support to set flap dampening parameters
 *
 * Revision 3.3.12.3 1996/04/02 07:29:32 dkatz
 * CSCdi52277: Redistribution metric problems with IGRP/EIGRP
 * Branch: California_branch
 * Always store canonical metrics scaled for IGRP, and make EIGRP do
 * its own scaling internally. Get the scaling right in all three
 * places.
 *
 * Revision 3.3.12.2 1996/03/28 23:59:20 rchandra
 * CSCdi52098: BGP: exact keyword not accepted by route-map in community
 * match
 * Branch: California_branch
 * - fix my silly bug in handling exact community matching
 * - limit the range of valid community to 0xFFFF0000
 * - fix a cosmetic bug in show ip community-list
 *
 * Revision 3.3.12.1 1996/03/28 22:28:27 rchandra
 * CSCdi52880: BGP: generate error message for unsupported route-map
 * options
 * Branch: California_branch
 * - generate error message when unsupported route-map option is used
 * - treat confederation EBGp neighbors similar to internal neighbors in
 * best path selection
 * - fix the bug in bgp_compare_med, so that
 * during MED comparison,
 * confederation information is skipped properly
 * - confederation EBGp paths should be inserted into the IP table with
 * internal distance
 * - do not consider common-AS neighbors as confederation neighbors
 * - during 'clear ip bgp dampening' avoid skipping paths
 * - undo the patch to the radix version walker
 *
 * Revision 3.3 1996/02/17 01:23:27 myeung
 * CSCdi49210: match tag clause does not work with static routes

```

*
* Revision 3.2 1995/11/17 17:37:17 hampton
* Remove old entries from the RCS header logs.
*
* Revision 3.1 1995/11/09 12:10:38 shaker
* Bump version numbers from 2.x to 3.x.
*
* Revision 2.4 1995/09/25 08:31:20 tli
* CSCdi40960: ISP jumbo patch 2
*
* Revision 2.3 1995/07/12 07:19:12 tli
* CSCdi36426: Policy routing will not disable on an interface
* - Policy routed packets were creating fastswitching cache entries.
* That's not till _next_ release.
* - Add counters to record packet and byte count on a per
route map entry
* basis.
* - Marketing identified a catastrophic deficiency. Implemented "set ip
* tos" and "set ip precedence" to cover this deficiency.
*
* Revision 2.2 1995/07/06 23:12:41 rchandra
* CSCdi36759: BGP : Add conditional per neighbor default generation
* - add 'neighbor <x.x.x.x> default-originate route-map <tag>' command.
*
* Revision 2.1 1995/06/07 21:10:57 hampton
* Bump version numbers from 1.x to 2.x.
*
*-----
* $Endlog$
*/

```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/route_map.h

No license file was found, but licenses were detected in source scan.

```

/* $Id$
* $Source$
*-----
* C F G _ R O U T E R _ D E F A U L T S . H
*
* Copyright (c) 1992-2011, 2013, 2015-2016, 2019 by cisco Systems, Inc.
* All Rights Reserved
*-----
* $Log$
*-----
* $Endlog$
*/

```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/internal_inc/cfg_router_default.h

No license file was found, but licenses were detected in source scan.

```
/*-----  
* iprouting_common.h - Basic types for IP routing (IPv4/IPv6)  
*  
* Contains:  
* - address family enum,  
* - tableid type and related macros  
* - topoid type and related macros  
* - private topoid definitions and APIs  
* - generic non-routing ID definitions/APIs  
*  
* Warning: this file should not have any dependency on other header file  
* except those where basic C types are defined.  
*  
* June 2003, Luc Revardel  
*  
* Copyright (c) 2003-2013, 2016, 2018, 2020 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
*/
```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/iprouting_common.h

No license file was found, but licenses were detected in source scan.

```
/*-----  
* cfg_int_ip2_vnet_routing.h  
*  
* Interface VNET submode configuration IP commands.  
*  
* Copyright (c) 2009-2010 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
*/
```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/cfg_int_ip2_vnet_routing.h

No license file was found, but licenses were detected in source scan.

```
/* $Id$  
* $Source$  
*-----  
* iprouting_init_blob.c -- Partner file (in blob) for iprouting_init.c
```

```

*
* 27-August-2001, Fan Kong
*
* Copyright (c) 2001-2011, 2015, 2019 by cisco Systems, Inc.
* All rights reserved.
*-----
* $Log$
*-----
* $Endlog$
*/

```

Found in path(s):

```

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/iprouting_init_blob.c
No license file was found, but licenses were detected in source scan.

```

```

/* $Id: exec_show_protocols.h,v 3.3.20.1 1996/08/12 16:04:12 widmer Exp $
* $Source: /release/112/cvs/Xsys/iprouting/exec_show_protocols.h,v $
*-----
* EXEC_SHOW_PROTOCOLS.H
*
* Copyright (c) 1992-1996, 2007-2009 by cisco Systems, Inc.
* All Rights Reserved
*-----
* $Log: exec_show_protocols.h,v $
* Revision 3.3.20.1 1996/08/12 16:04:12 widmer
* CSCdi65725: Create Eolns macro that defaults csb->which to 0
* Branch: California_branch
* Add Eolns and Nvgenns macro that default csb->which to 0
* Remove hidden keyword help strings
*
* Revision 3.3 1996/01/29 07:08:56 hampton
* Remove command number arguments passed to parse routines that only
* perform a single function. [CSCdi47717]
*
* Revision 3.2 1995/11/17 17:33:30 hampton
* Remove old entries from
the RCS header logs.
*
* Revision 3.1 1995/11/09 12:07:27 shaker
* Bump version numbers from 2.x to 3.x.
*
* Revision 2.1 1995/07/01 12:16:21 tli
* CSCdi36508: Rationalize parser file placement, part I
* Rationalize iprouting
*
* Revision 2.1 1995/06/07 22:25:21 hampton
* Bump version numbers from 1.x to 2.x.
*

```

```
*-----  
* $Endlog$  
*/
```

Found in path(s):

```
*/opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/exec_show_protocols.h  
No license file was found, but licenses were detected in source scan.
```

```
/* $Id$  
* $Source$  
*-----  
* IP routing show commands  
*  
* May 1993, Robert Widmer  
*  
* Copyright (c) 1993-2003, 2005, 2007-2011, 2013, 2015-2020 by cisco Systems, Inc.  
* All rights reserved.  
*  
*-----  
* $Log$  
*-----  
* $Endlog$  
*/
```

Found in path(s):

```
*/opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/exec_show_ip_routing.h  
No license file was found, but licenses were detected in source scan.
```

```
!-----  
! iproutingcmn_router_cmd.sesut - IPv4 Routing Common Router  
!   Commands Unit Test Routines  
!  
! December 2007, Chi Iong Ansjory  
!  
! Copyright (c) 2007 by cisco Systems, Inc.  
! All rights reserved.  
!-----  
! Sample unit test description file.  
! This file is used for generation of unit test module by SESUT.  
! See http://www.win-ses.cisco.com/unittest/sesut\_ios.html for  
! information about SESUT.  
!  
! Include a description of your test here.  
!  
! This is made up of many sections. Each section header starts with % in  
! first column. It is followed by the section identifier.  
! Lines that have '!' in the first column are considered comments.  
! Blank lines are ignored.
```

!
! You can report success/failure of your test by calling the following
! functions.
! Call sesut_<file prefix>_testpass to indicate
! test success.
! void sesut_<file prefix>_testpass(void);
! Call sesut_<file prefix>_testfail to indicate test failure.
! void sesut_<file prefix>_testfail(const char *fmt, ...);
! The length of the formatted string should be less than or equal
! to 255. Else it will be truncated.
! Prototypes for these functions are included in the header file that
! is generated by SESUT.

% Cflow

! Enter the files/subsystems in the unit under test.
! These files will be instrumented for Cflow and MIF(if MIF is
! available in your view). GDB flag -g is used during compilation.
! cflow_list=\$(sub_mif) xyz.o \$(my_subsys) abc.o
! This list is ignored if ses_iouut is used. ses_iouut instruments all files
! in UUT(defined by -old and -new options).

% MIF

! Enter MIF configuration
! If MIF configuration is not specified and cflow_list is specified
! then a default MIF configuration is used.

!./os/free.c
!./os/buffers.c
!./os/chunk.c
!-----
!malloc
!malloc_aligned
!malloc_fast
!malloc_pcimem
!malloc_named
!chunk_malloc
!getbuffer
!pool_getbuffer

%

API

! Include DTD configuration.
! Not all features of DTD are available with SESUT yet.
! List headers/text that contain prototypes for the functions to be tested
! for robustness followed by a line consisting of '-'s followed by
! the list of functions to be tested for robustness.
! It is assumed that a .h file that includes all the text listed above
! the line consisting of '-'s is self-compiling in the same context as

```

! the one used to compile the .sesut file and has the definitions of
! all the objects whose pointers are referenced.
!master.h
!../testtools/testtools.h
!../testtools/testtools_private.h
!<stdio.h>
!void mynewapi(int,int);
!-----
!mif_enable
!mif_disable
!mif_clear
!mif_lock
!mynewapi

% env
! Use this section to list object modules that are not
! part of the standard build but are used by the tests defined in this
! file. The text following "link:" is inserted
! into the final link step.
!link: xyz.o abc.o
!
! Use this section to add any special 'CFLAGS' needed to compile sesut
! generated test file
!cflags: -I../http/http_core/include
!cflags: -I../http/http_core/server
!cflags: -I../ios_http_core/config -I../http/http_core/lib
!cflags: -DEW_CONFIG_OPTION_CLIENT_CACHE
!
! You can specify functions to be executed before and after the test.
! pretest is executed before executing the unit test and the posttest is
! executed after executing the unit test. These are executed once regardless
! of the repeat count. The prototypes of these functions are expected to be:
! void <pretest>(void);
! void <posttest>(void);
! Define these functions in the 'model prolog' section. Note that these
! are optional. You can have one or both or none.
!pretest:config_my_feature
!posttest:validate_results
! If want want your pretest/posttest functions to receive same
! parameters as the test then specify the functions as:
!pretest_withparams:config_my_feature
!posttest_withparams:validate_results
!
The prototypes for these functions would be:
! void <pretest_withparams>(<types of parameters>)
! void <posttest_withparams>(<types of parameters>)
! Parameters are specified using "parameter:" keyword in % model" section.
! If both {pre|post}test and {pre|post}test_withparams are specified:

```

```

! pretest is executed before pretest_withparams.
! posttest is executed after posttest_withparams.

! You can specify a initializer/finalizer function to be executed
! at the time of test initialization/removal.
! Initializer is executed once during the lifetime of the current instance of
! the test. If the test is part of the image then the initializer is executed
! during subsystem initialization. If the test is a DLST(dynamically loaded)
! then the initializer is executed just after the dynamic load.
! The finalizer is executed when the test is removed (happens when the test is
! being replaced).
! Note that the subsystems in
the DLST are not initialized. You must list the
! subsystem init functions in the initializer function. Subsystem header is
! ignored for DLST's. You will not see the subsystems for DLST's listed in
! "show subsys" output.
! Use initializer to perform tasks like registry addition, memory allocation etc.
! Similarly use the finalizer to free these resources. This is an important
! consideration. Treat them like constructor/destructor for the DLST.
!
! The prototypes of these functions are expected to be:
! void <initializer>(void);
! void <finalizer> (void);
! Define these functions in the 'model prolog' section. Note that these
! are optional. You can have one or both or none.
!initializer:my_init
!finalizer:my_finit

% model prolog iou
! This code will be copied unchanged to the start of the generated .c file
! Include definitions, declarations, include statements that
! are used in the model
! You can include stubs for the functions that are not ready yet but are
! invoked.
!
! If you choose to have pretest and posttest functions include them here.
!
! "model prolog " accepts additional keywords.
! dt - This is meaningful in automation environments. If the test you are
! creating alters global state then use "dt" keyword. This informs
! automation framework that device should be reloaded prior to
! running next test.
! iou - Use this keyword if the test can be executed under IOU.
! preinit - Use this if the test executes prior to system initialization.
! % model prolog dt

#include IOS_INC(testtools/sesutlib_ios.h)

```

```

#include <routing/iprouting_cmn/include/ip_stats.h>
#include <routing/iprouting_cmn/include/iprouting_debug.h>
#include <routing/iprouting_cmn/include/router_af_actions_registry.h>

boolean sesrc;

% model digraph
! Describe the model. You have structured your test as a
! directed graph. Start keywords in column 1. Start the code at an
! offset(2TABS). This line("model digraph") can have an optional keyword.
! That is "vdag".
! This would generate testcases representing various
! acyclic paths leading from the start node. These tests cover all nodes.
! This does not guarantee that all the edges are covered.
! If your test model is a tree(or hierarchical) or a DAG(Directed Acyclic
! Graph) then you should use this keyword.
!% model digraph vdag
! There are three keywords. They are
! start node <nodeIdentifier> - Specify the start node in the model
! node <nodeIdentifier>: - Begining of a node description.
!     Include descriptions for all edges starting at this node.
!     If there is code to be executed upon entry to this node
!     enter that immediatly following this line but before
!     entering any edge description.
! -><nodeIdentifier>: - Begining of an edge description. This describes an
!     edge from the node to &lt;n>
! Choose <nodeIdentifier> to be descriptive. Examples: AVLTreeInsert,
!     DBSearch, DetachLine
!
! These identifiers are used during runtime to present execution times
! and other data.
! You can specify parameters for your unit test as follows:
!parameters:(uint interface, char* hostname="abc", uint subInterface=1)
!This should come before the line specifying the start node.
!The parameters can be used in the code for nodes/edges. The values
!for parameters are received via CLI or as a result of direct invocation of
!the generated function. Parameters can be of type 'uint'
!or 'char*'. If values for parameters are provided on CLI defaults are used.
! You should provide default values. If default values are not specified
! then the tool would assign default values. If the type is "uint" the
! default value is 0. Else(type char*) the default value is "".
! During automation the default values are used. Use descriptive names
! for parameters.
start node StartNode
! You can place initialization code that needs to be executed
! prior to entering the start node here.
node StartNode:

```

```

!
===== 6 APIs from ip_stats.h/ip_registry.reg =====

! 1. DEFINE show_ip_interface_with_topo

(void) sesut_execcommand(FALSE, "show ip interface e0/0 topology base stats");
printf("\n----- SESUT Test Reg: show_ip_interface_with_topo -----");

! 2. DEFINE clear_ip_interface_with_topo

(void) sesut_execcommand(FALSE, "clear ip interface e0/0 topology base stats");
printf("\n----- SESUT Test Reg: clear_ip_interface_with_topo -----");

! 3. DEFINE show_ip_traffic_with_topo

(void) sesut_execcommand(FALSE, "show ip traffic topology base");
printf("\n----- SESUT Test Reg: show_ip_traffic_with_topo -----");

! 4. DEFINE clear_ip_traffic_with_topo

(void) sesut_execcommand(FALSE, "clear ip traffic topology base");
printf("\n----- SESUT Test: clear_ip_traffic_with_topo -----");

! 5. DEFINE show_ip_interface_stats

(void) sesut_execcommand(FALSE, "show ip interface e0/0 stats");
printf("\n----- SESUT Test Reg: show_ip_interface_stats -----");

! 6. DEFINE clear_ip_interface_stats

(void) sesut_execcommand(FALSE,
"clear ip interface e0/0 stats");
printf("\n----- SESUT Test Reg: clear_ip_interface_stats -----");

! ===== 2 APIs from iprouting_debug.h =====

! 1. void
!  iprouting_debug_arr_ios_set_csb(struct parseinfo_ *csb);

!iprouting_debug_arr_ios_set_csb(NULL);
printf("\n----- SESUT Test: iprouting_debug_arr_ios_set_csb() -----");

! 2. void
!  iprouting_ios_call_debug_cmd(struct parseinfo_ *csb);

!iprouting_ios_call_debug_cmd(NULL);
printf("\n----- SESUT Test: iprouting_ios_call_debug_cmd() -----");

```

! ===== 1 API from router_af_actions_registry.reg =====

! 1. DEFINE address_family_action_named_router REMOTE 3

```
sesrc = reg_invoke_address_family_action_named_router(NULL);  
printf("\n----- SESUT Test Reg: address_family_action_named_router -----");
```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/test/iproutingcmn_router_cmd.sesut
No license file was found, but licenses were detected in source scan.

```
/*-----  
* route3_ionized.c  
*  
* ION specific route3.c parser functions.  
*  
* March 2002, Victor Kamensky  
*  
* Copyright (c) 2002, 2005-2008 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
*/
```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/route3_ionized.c
No license file was found, but licenses were detected in source scan.

```
/* $Id$  
* $Source$  
*-----  
* Registry for IP routing infrastructure in ION  
*  
* September 2001, Fan Kong  
*  
* Copyright (c) 2001-2003, 2005, 2007-2008, 2010 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
* $Log$  
*-----  
* $Endlog$  
*/
```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/iprouting_registry.h
No license file was found, but licenses were detected in source scan.

```
/* $Id: route_map.h,v 3.3.12.6 1996/05/04 01:22:42 wilber Exp $
```

```
* $Source: /release/112/cvs/Xsys/iprouting/route_map.h,v $
*-----
* policylist.h -- Policy list support data structures
*
* April 2000, Rex Fernando
*
* Copyright (c) 2000, 2002-2003, 2005, 2007-2011 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/internal_inc/policylist.h
No license file was found, but licenses were detected in source scan.
```

```
/* $Id$
* $Source$
*-----
* cfg_routemap_set.h
*
* Process route-map set subcommands.
*
* Copyright (c) 1992-1998, 2001-2003, 2007-2019 by cisco Systems, Inc.
* All rights reserved.
*-----
* $Log$
*-----
* $Endlog$
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/cfg_routemap_set.h
No license file was found, but licenses were detected in source scan.
```

```
/*
*-----
* routemap_ios_chain.c -- Route-map generic ios parse chains that
* will be in both RP and VIP/LC
*
* July 1998, Wilber Su
*
* Copyright (c) 1998, 2004-2008 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/routemap_ios_chain.c
```

No license file was found, but licenses were detected in source scan.

```
/* $Id: cfg_router_distance.h,v 3.2.60.1 1996/05/04 01:21:16 wilber Exp $
* $Source: /release/112/cvs/Xsys/iprouting/cfg_router_distance.h,v $
*-----
* C F G _ R O U T E R _ D I S T A N C E . H
*
* The bgp version must come before the weight version so that both NVGEN
* and normal processing happen correctly.
*
* Copyright (c) 1992-1999, 2001-2010, 2015-2016, 2019-2020 by cisco Systems, Inc.
* All rights reserved.
*-----
* $Log: cfg_router_distance.h,v $
* Revision 3.2.60.1 1996/05/04 01:21:16 wilber
* Branch: California_branch
*
* Constrained Multicast Flooding
* - Define MOSPF hello option bit.
*
* Name Access List
*
* Revision 3.2 1995/11/17 17:32:05 hampton
* Remove old entries from the RCS header logs.
*
* Revision 3.1 1995/11/09 12:05:29 shaker
* Bump version
  numbers from 2.x to 3.x.
*
* Revision 2.1 1995/07/01 12:15:50 tli
* CSCdi36508: Rationalize parser file placement, part I
* Rationalize iprouting
*
* Revision 2.1 1995/06/07 22:12:30 hampton
* Bump version numbers from 1.x to 2.x.
*
*-----
* $Endlog$
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-
tar/iprouting_cmn/internal_inc/cfg_router_distance.h
```

No license file was found, but licenses were detected in source scan.

```
/*
*-----
* protofltr_debug.c - Debug functions for protocol filter manager
```

*
* Mercia Zheng, Jan 2006

*
* Copyright (c) 2006-2008 by cisco Systems, Inc.
* All rights reserved.

*-----
*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/protofltr_debug.c
No license file was found, but licenses were detected in source scan.

/*
*-----
* cfg_router_topology.h - router topology configuration mode command

*
* Sept 2004, Mercia Zheng
*
* Copyright (c) 2004-2005, 2007-2009, 2013 by cisco Systems, Inc.
* All rights reserved.

*-----
*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/cfg_router_topology.h
No license file was found, but licenses were detected in source scan.

/*
*-----
* iprouting_init_ionblob.c -- IP Routing Init code for blog in ION only

*
* October 2001, Rashmi Shrivastava
*
* Copyright (c) 2001-2017 by cisco Systems, Inc.
* All rights reserved.

*-----
*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/iprouting_init_ionblob.c
No license file was found, but licenses were detected in source scan.

/* \$Id\$
* \$Source\$
*-----
* Registry for routing context for RP and LC common code.

*
* September 2009, Derek Yeung

```
*
* Copyright (c) 2009 by cisco Systems, Inc.
* All rights reserved.
*-----
* $Log$
*-----
* $Endlog$
*/
```

Found in path(s):
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-
tar/iprouting_cmn/include/routing_context_registry.h
No license file was found, but licenses were detected in source scan.

```
/* $Id$
* $Source$
*-----
* Address Family configuration mode commands.
*
* April 1998, Bob Thomas
*
* Copyright (c) 1998-1999, 2007-2008 by cisco Systems, Inc.
* All rights reserved.
*-----
* $Log$
*-----
* $Endlog$
*/
```

Found in path(s):
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/internal_inc/cfg_af_mode.h
No license file was found, but licenses were detected in source scan.

```
/*-----
* ip_stats.h - IP for topology aware stats
*
* Feburary 2006, Jonsky Hsu
*
* Copyright (c) 2006-2008 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/ip_stats.h
No license file was found, but licenses were detected in source scan.

```
/*
*-----
* protofltr_debug_flags.h -- Protofltr manager debug flags declarations
*
* Jan 2006, Mercia Zheng
*
* Copyright (c) 2005-2008 by Cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/protofltr_debug_flags.h
No license file was found, but licenses were detected in source scan.
```

```
/*
*-----
* route_map_ionized.c - Route Maps support for IONized processes
*
* July 2001, Siva Yaragalla
*
* Route map subsystem for IOS style processes.
*
* Copyright (c) 2001-2009, 2011, 2016-2017 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/route_map_ionized.c
No license file was found, but licenses were detected in source scan.
```

```
/* $Id$
* $Source$
*-----
* C F G _ R O U T E R _ T A B L E - M A P . H
*
* Copyright (c) 1993-1996, 1999, 2001, 2003, 2005-2019 by cisco Systems, Inc.
* All Rights Reserved
*-----
* $Log$
*-----
* $Endlog$
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/cfg_router_table-map.h
```

No license file was found, but licenses were detected in source scan.

```
/*-----  
* iprouting_actions_registry.h  
*  
* Router address family actions registry.  
*  
* May 2002, Victor Kamensky  
*  
* Copyright (c) 2002-2003, 2007-2008, 2010 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-  
tar/iprouting_cmn/include/router_af_actions_registry.h  
No license file was found, but licenses were detected in source scan.
```

```
/* $Id$  
* $Source$  
*-----  
* routing_context_registry.c  
*  
* September 2009, Derek Yeung  
*  
* Copyright (c) 2009 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
* $Log$  
*-----  
* $Endlog$  
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/routing_context_registry.c  
No license file was found, but licenses were detected in source scan.
```

```
/* $Id: iprouting_actions.h,v 3.2 1995/11/17 17:34:39 hampton Exp $  
* $Source: /swtal/cherf.111/ios/sys/iprouting/iprouting_actions.h,v $  
*-----  
* IP routing specific parsing functions.  
*  
* August 1994, Bruce Cole  
*  
* Copyright (c) 1994, 2004-2008, 2015 by cisco Systems, Inc.  
* All rights reserved.  
*-----
```

```
* $Log: iprouting_actions.h,v $
* Revision 3.2 1995/11/17 17:34:39 hampton
* Remove old entries from the RCS header logs.
*
* Revision 3.1 1995/11/09 12:08:30 shaker
* Bump version numbers from 2.x to 3.x.
*
* Revision 2.1 1995/06/07 21:07:35 hampton
* Bump version numbers from 1.x to 2.x.
*
*-----
* $Endlog$
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/internal_inc/iprouting_actions.h
No license file was found, but licenses were detected in source scan.
```

```
/*-----
* routemap_api.c -- Dynamic routemap APIs.
*
* May 2003, Tanya Shastri
*
* Copyright (c) 2003, 2005-2015, 2018-2019 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/routemap_api.c
No license file was found, but licenses were detected in source scan.
```

```
/*
*-----
* router_topology_parse.h
*
* Router topology parser functions declarations.
*
* Sept 2004, Mercia Zheng
*
* Copyright (c) 2004-2008 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/router_topology_parse.h
```

No license file was found, but licenses were detected in source scan.

```
/* $Id: exec_debug_ip_routing.h,v 3.3.20.1 1996/06/27 04:40:57 mikel Exp $
* $Source: /release/112/cvs/Xsys/iprouting/exec_debug_ip_routing.h,v $
*-----
* IP routing debug commands
*
* May 1993, Robert Widmer
*
* Copyright (c) 1993-2003, 2005-2009, 2019 by cisco Systems, Inc.
* All rights reserved.
*
*-----
* $Log: exec_debug_ip_routing.h,v $
* Revision 3.3.20.1 1996/06/27 04:40:57 mikel
* CSCdi37749: <debug ip eigrp> help wrong
* Branch: California_branch
* clean up ip-eigrp AS debugging
*
* Revision 3.3 1996/02/01 23:34:07 widmer
* CSCdi45325: Change Keyword/Set to use Keyword_Id macro
*
* Revision 3.2 1995/11/17 17:33:17 hampton
* Remove old entries from the RCS header logs.
*
* Revision 3.1 1995/11/09 12:07:09 shaker
* Bump version numbers from 2.x to 3.x.
*
* Revision 2.2 1995/11/08 21:06:22 shaker
* Merge Arkansas_branch into 11.1 mainline.
*
* Revision 2.1 1995/07/01 12:16:15 tli
* CSCdi36508: Rationalize parser file placement, part I
* Rationalize iprouting
*
* Revision 2.1 1995/06/07 22:18:58 hampton
* Bump version numbers from 1.x to 2.x.
*
*-----
* $Endlog$
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/exec_debug_ip_routing.h
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
*-----
```

```
* protofltr_public.h
*
* Routing protocol filter manager Public API definitions
*
* Dec 2008, Mercia Zheng
*
* Copyright (c) 2008-2009 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/protofltr_public.h
No license file was found, but licenses were detected in source scan.
```

```
/* $Id: cfg_routemap_exit.h,v 3.2.60.1 1996/08/12 16:03:34 widmer Exp $
* $Source: /release/112/cvs/Xsys/iprouting/cfg_routemap_exit.h,v $
*-----
* cfg_routemap_exit.h
*
* exit - exit from route-map configuration mode
*
* Copyright (c) 1992-1996, 2007-2009 by cisco Systems, Inc.
* All Rights Reserved
*-----
* $Log: cfg_routemap_exit.h,v $
* Revision 3.2.60.1 1996/08/12 16:03:34 widmer
* CSCdi65725: Create Eolns macro that defaults csb->which to 0
* Branch: California_branch
* Add Eolns and Nvgenns macro that default csb->which to 0
* Remove hidden keyword help strings
*
* Revision 3.2 1995/11/17 17:31:42 hampton
* Remove old entries from the RCS header logs.
*
* Revision 3.1 1995/11/09 12:05:03 shaker
* Bump version numbers from 2.x to 3.x.
*
* Revision 2.1 1995/07/01
  12:15:44 tli
* CSCdi36508: Rationalize parser file placement, part I
* Rationalize iprouting
*
* Revision 2.1 1995/06/07 22:12:09 hampton
* Bump version numbers from 1.x to 2.x.
*
*-----
* $Endlog$
```

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/cfg_routemap_exit.h
No license file was found, but licenses were detected in source scan.

/*

*-----
* iprouting_parser_macros.h - Routing macros moved out of
* sys/parser/macros.h
*

* November, 2004

*

* Copyright (c) 2004-2011, 2013, 2015, 2018 by cisco Systems, Inc.

* All rights reserved.

*-----

*

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-
tar/iprouting_cmn/include/iprouting_parser_macros.h
No license file was found, but licenses were detected in source scan.

/* \$Id: cfg_router_traffic-share.h,v 3.3.20.1 1996/08/12 16:03:58 widmer Exp \$

* \$Source: /release/112/cvs/Xsys/iprouting/cfg_router_traffic-share.h,v \$

*-----

* cfg_router_traffic-share.h - parsing of the traffic-share command

*

* Oct 1993 Tony Li

*

* Copyright (c) 1993-1999, 2001-2002, 2004-2009, 2015 by cisco Systems, Inc.

* All rights reserved.

*-----

* \$Log: cfg_router_traffic-share.h,v \$

* Revision 3.3.20.1 1996/08/12 16:03:58 widmer

* CSCdi65725: Create Eolns macro that defaults csb->which to 0

* Branch: California_branch

* Add Eolns and Nvgenns macro that default csb->which to 0

* Remove hidden keyword help strings

*

* Revision 3.3 1996/02/01 23:34:03 widmer

* CSCdi45325: Change Keyword/Set to use Keyword_Id macro

*

* Revision 3.2 1995/11/17 17:32:35 hampton

* Remove old entries from the RCS header logs.

*

* Revision 3.1 1995/11/09 12:06:21 shaker

```

* Bump version numbers from 2.x to 3.x.
*
* Revision 2.1 1995/07/01 12:16:07 tli
* CSCdi36508: Rationalize parser file placement, part I
* Rationalize iprouting
*
* Revision 2.1 1995/06/07 22:13:22 hampton
* Bump version numbers from 1.x to 2.x.
*
*-----
* $Endlog$
*/

```

Found in path(s):

```

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/internal_inc/cfg_router_traffic-
share.h

```

No license file was found, but licenses were detected in source scan.

```

/* $Id$
* $Source$
*-----
* route.h -- IP routing definitions
*
* 22-March-1986, Kirk Lougheed
*
* Copyright (c) 1986-2020 by cisco Systems, Inc.
* All rights reserved.
*-----
* $Log$
*-----
* $Endlog$
*/

```

Found in path(s):

```

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/route.h

```

No license file was found, but licenses were detected in source scan.

```

/*
*-----
* routemap_ios_blob.c -- Route map support routines that can be shared
* by RP and VIP/LC
*
* October 14, 2001 Siva Yaragalla
*
* Copyright (c) 2001-2020 by cisco Systems, Inc.
* All rights reserved.
*-----
*/

```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/routemap_ios_blob.c

No license file was found, but licenses were detected in source scan.

/*

*-----

* protofltr_debug.h -- Routing protocol filter manager debug flag

*

* Jan 2006, Mercia Zheng

*

* Copyright (c) 2005-2008 by Cisco Systems, Inc.

* All rights reserved.

*-----

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/protofltr_debug.h

No license file was found, but licenses were detected in source scan.

/*

* \$Id\$

* \$Source\$

*-----

* route3.c -- Routing Support: Router command and related routines

*

* 15-June-1987, Kirk Lougheed

*

* Copyright (c) 1987-2021 by cisco Systems, Inc.

* All rights reserved.

*-----

* \$Log\$

*-----

* \$Endlog\$

*/

/*

* If its not a per-user distribute-list, we have to configure the
* route-map for pflist_def too - its used to restore default when
* a per-user distribute-list is un-configured as well as for
* nvgen purposes. All this mess, only for the interface specific
* version.

*/

/*

* This command is only valid for ipv4 and nsap AFs in BGP.
* However it is accepted for other BGP AFs
* for backwards compatibility. However, no action
* is taken for these

AFs and it is not nvgen'ed

- * either. Check out cfg_router_default.h for
- * more details.
- */

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/route3.c
No license file was found, but licenses were detected in source scan.

```
/*
*-----
* cfg_router_maximum-paths.h
*
* 22-May-2016, Les Ginsberg
*
* Copyright (c) 2016 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-
tar/iprouting_cmn/internal_inc/cfg_router_maximum-sec-paths.h
No license file was found, but licenses were detected in source scan.

```
/* $Id: cfg_router_metric.h,v 3.2 1995/11/17 17:32:13 hampton Exp $
* $Source: /swtal/cherf.111/ios/sys/iprouting/cfg_router_metric.h,v $
*-----
* C F G _ R O U T E R _ M E T R I C . H
*
* Copyright (c) 1992-2002, 2004, 2006-2009 by cisco Systems, Inc.
* All Rights Reserved
*-----
* $Log: cfg_router_metric.h,v $
* Revision 3.2 1995/11/17 17:32:13 hampton
* Remove old entries from the RCS header logs.
*
* Revision 3.1 1995/11/09 12:05:41 shaker
* Bump version numbers from 2.x to 3.x.
*
* Revision 2.1 1995/07/01 12:15:54 tli
* CSCdi36508: Rationalize parser file placement, part I
* Rationalize iprouting
*
* Revision 2.1 1995/06/07 22:12:46 hampton
* Bump version numbers from 1.x to 2.x.
*
*-----
```

* \$Endlog\$

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/internal_inc/cfg_router_metric.h

No license file was found, but licenses were detected in source scan.

/* \$Id: ip_routing.h,v 3.2 1995/11/17 17:34:12 hampton Exp \$

* \$Source: /swtal/cherf.111/ios/sys/iprouting/ip_routing.h,v \$

*-----

* ip_routing.h -- Generic IP routing declarations

*

* Mar 1995 Tony Li

*

* Copyright (c) 1995, 1998, 2004, 2006-2008 by cisco Systems, Inc.

* All rights reserved.

*-----

* \$Log: ip_routing.h,v \$

* Revision 3.2 1995/11/17 17:34:12 hampton

* Remove old entries from the RCS header logs.

*

* Revision 3.1 1995/11/09 12:08:06 shaker

* Bump version numbers from 2.x to 3.x.

*

* Revision 2.1 1995/06/07 21:07:05 hampton

* Bump version numbers from 1.x to 2.x.

*

*-----

* \$Endlog\$

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/internal_inc/ip_routing.h

No license file was found, but licenses were detected in source scan.

/* \$Id\$

* \$Source\$

*-----

* Exit from BGP Address Family mode.

*

* Sept 1998, Bob Thomas

*

* Copyright (c) 1998-1999, 2007-2009 by cisco Systems, Inc.

* All rights reserved.

*-----

* \$Log\$

*-----

* \$Endlog\$

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/internal_inc/cfg_af_exit.h
No license file was found, but licenses were detected in source scan.

/*

*-----
* iprouting_debug.h -- Debugging declarations for IP routing

*

* May 1993, John Bashinski

*

* Copyright (c) 1993-2010 by Cisco Systems, Inc.

* All rights reserved.

*-----

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/iprouting_debug.h
No license file was found, but licenses were detected in source scan.

/* \$Id: cfg_router_offset.h,v 3.3.20.4 1996/09/04 23:46:26 mikel Exp \$

* \$Source: /release/112/cvs/Xsys/iprouting/cfg_router_offset.h,v \$

*-----

* C F G _ R O U T E R _ O F F S E T . H

*

* Copyright (c) 1992-1998, 2002, 2004-2008 by cisco Systems, Inc.

* All Rights Reserved

*-----

* \$Log: cfg_router_offset.h,v \$

* Revision 3.3.20.4 1996/09/04 23:46:26 mikel

* CSCdi65889: offset-list doesnt work for EIGRP

* Branch: California_branch

* Re-enable offset-list command as well as adding offset-list out support,

* and fix offset-list to work with access-lists

*

* Revision 3.3.20.3 1996/08/12 16:03:48 widmer

* CSCdi65725: Create Eolns macro that defaults csb->which to 0

* Branch: California_branch

* Add Eolns and Nvgenns macro that default csb->which to 0

* Remove hidden keyword

help strings

*

* Revision 3.3.20.2 1996/05/04 01:21:23 wilber

* Branch: California_branch

*

* Constrained Multicast Flooding

* - Define MOSPF hello option bit.

```

*
* Name Access List
*
* Revision 3.3.20.1 1996/04/09 05:54:35 mikel
* CSCdi49628: EIGRP ignores outgoing offset-list
* Branch: California_branch
* disable offset-list command from eigrp router config
*
* Revision 3.3 1996/02/01 23:33:59 widmer
* CSCdi45325: Change Keyword/Set to use Keyword_Id macro
*
* Revision 3.2 1995/11/17 17:32:19 hampton
* Remove old entries from the RCS header logs.
*
* Revision 3.1 1995/11/09 12:05:53 shaker
* Bump version numbers from 2.x to 3.x.
*
* Revision 2.1 1995/07/01 12:15:58 tli
* CSCdi36508: Rationalize parser file placement, part I
* Rationalize iprouting
*
* Revision 2.1 1995/06/07 22:12:58 hampton
* Bump version numbers from 1.x to 2.x.
*
*-----
* $Endlog$
*/

```

Found in path(s):

```

*
/opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/internal_inc/cfg_router_offset.h
No license file was found, but licenses were detected in source scan.

```

```

#
#-----
# iprouting_api.enum - IP Routing public API enum definitions
#
# August 2009, Prashant Srinivas
#
# Copyright (c) 2009-2010 by cisco Systems, Inc.
# All rights reserved.
#-----
#

```

BEGIN IPROUTING_API

```

#
# Enumeration of the possible reasons for disabling routing on an interface

```

```

#
# Note, string length of the LONG description, should be <= 16 chars,
#   and contain nothing but alfanumerical characters and _
#
ENUM routing_disable_flag_t

    ITEM ROUTING_DISABLE_FLAG_INT_IF
    LONG "Internal_IF"
    END ITEM

END ENUM

END

```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/enum/iprouting_api.enum
No license file was found, but licenses were detected in source scan.

```

/*
*-----
* routemap_track.c -- Route map support for tracking
*       Functions which run on RP (not VIP).
*
* March 2003 Shyan Wignarajah
*
* Copyright (c) 2003-2008, 2013-2014 by cisco Systems, Inc.
* All rights reserved.
*-----
*/

```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/routemap_track.c
No license file was found, but licenses were detected in source scan.

```

/* $Id
* $Source
*-----
* iprib_api_svr.c -- IP Routing Information Base (RIB) API definitions
*
* August-2001, Fan Kong
*
* Copyright (c) 2001-2012, 2019 by cisco Systems, Inc.
* All rights reserved.
*-----
* $Log
*-----
* $Endlog$
*/

```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/iprib_api_svr.c

No license file was found, but licenses were detected in source scan.

```
/*-----  
* router_topology_registry.h  
*  
* Router topology registry.  
*  
* Sept 2004, Mercia Zheng  
*  
* Copyright (c) 2004, 2007-2008 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
*/
```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/internal_inc/router_topology_registry.h

No license file was found, but licenses were detected in source scan.

```
/*-----  
* iprouting_parser_linkpoints.c - iprouting parser linkpoint defs.  
*  
* April, 2005  
*  
* Copyright (c) 2005, 2007-2008 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
*/
```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/iprouting_parser_linkpoints.c

No license file was found, but licenses were detected in source scan.

```
/*-----  
* routing_context_chain.c  
*  
* Parse chain file for routing context support.  
*  
* March 2009, Derek Yeung  
*  
* Copyright (c) 2009, 2015 by cisco Systems, Inc.  
* All rights reserved.  
*-----
```

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/routing_context_chain.c

No license file was found, but licenses were detected in source scan.

/* \$Id\$

* \$Source\$

*-----

* cfg_routemap_match.h

*

* Process route-map match subcommands.

*

* Copyright (c) 1992-1999, 2002-2005, 2007-2012, 2018 by cisco Systems, Inc.

* All rights reserved.

*-----

* \$Log\$

*-----

* \$Endlog\$

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/cfg_routemap_match.h

No license file was found, but licenses were detected in source scan.

##

content.lst file for iprouting_cmn

See EDCS-905060 for more details.

##

Oct 2010, Manu Pathak

##

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All rights reserved.

##

syntax: 1.0.0

iprouting_cmn meta-source files

group: iprouting_cmn-generic

{

enum:

 iprouting_cmn/include/enum/iprouting_api.enum

reg:

 iprouting_cmn/include/reg/ion_iprouting_cmd_registry.reg

 iprouting_cmn/include/reg/iprouting_registry.reg

 iprouting_cmn/include/reg/lfafr_registry.reg

 iprouting_cmn/include/reg/route_map_registry.reg

```

    iprouting_cmn/include/reg/router_af_actions_registry.reg
    iprouting_cmn/include/reg/router_topology_registry.reg
    iprouting_cmn/include/reg/routing_context_registry.reg
}
# end of group: iprouting_cmn-generic

# iprouting_cmn source files
group: iprouting_cmn
{
  includes:
    ../generic/routing/iprouting_cmn/include
    $(COMPONENT_ROOT)/routing/iprouting_cmn/include
    $(COMPONENT_ROOT)/routing/iprouting_cmn/internal_inc
    $(COMPONENT_ROOT)/routing/iprouting_cmn/src
    $(COMPONENT_ROOT)/routing
    $(COMPONENT_ROOT)/posix/include
    $(IOS_SYSROOT)/ion/include
    $(IOS_SYSROOT)/crypto/ca
    $(IOS_SYSROOT)/crypto/ca/certcinc
    $(IOS_SYSROOT)/crypto/ca/bsafeinc
    $(IOS_SYSROOT)/crypto/ca/provider/include
  defines: CRYPTOCv5 CERTCv5
  cflags: -Wno-parentheses -Wno-uninitialized
  sub: ion_iprouting_cmd_registry
  {
    context: os==ion
    contains:
      iprouting_cmn/src/ion_iprouting_cmd_registry.c
  }
  sub: iprouting_blob
  {
    contains:
      iprouting_cmn/src/ip_routing.c
      iprouting_cmn/src/ip_stats.c
      iprouting_cmn/src/iprouting_actions.c
      iprouting_cmn/src/iprouting_chain.c
      iprouting_cmn/src/iprouting_debug.c
      iprouting_cmn/src/iprouting_init_blob.c
      iprouting_cmn/src/iprouting_setup.c
      iprouting_cmn/src/protofltr_debug.c
      iprouting_cmn/src/route3_blob.c
      iprouting_cmn/src/routemap_debug.c
      iprouting_cmn/src/router_af_chain.c
      iprouting_cmn/src/router_topology_chain.c
      iprouting_cmn/src/routing_context_chain.c
  }
  sub: iprouting_cmn
  {

```

```

contains:
    iprouting_cmn/include/msg_iproute.rc
    iprouting_cmn/src/iprouting_cmn.c
}
sub: iprouting_common_blob
{
    contains:
        iprouting_cmn/src/ip_prefixlist_chain.c
        iprouting_cmn/src/policylist_blob.c
        iprouting_cmn/src/route_map_blob.c
        iprouting_cmn/src/routemap_track.c
    }
sub: iprouting_common_ionblob
{
    context: os==ion
    contains:
        iprouting_cmn/src/ip_prefixlist_ionblob.c
        iprouting_cmn/src/route_map_ionblob.c
    }
sub: iprouting_common_ionized
{
    context: os==ion
    contains:
        iprouting_cmn/src/ip_prefixlist_ionized.c
        iprouting_cmn/src/policylist_ionized.c
        iprouting_cmn/src/route_map_ionized.c
    }
sub: iprouting_common_misc
{
    contains:
        iprouting_cmn/src/ip_prefixlist.c
        iprouting_cmn/src/msg_routemap.c
        iprouting_cmn/src/policylist.c
        iprouting_cmn/src/route_map.c
        iprouting_cmn/src/routetag_list.c
    }
sub: iprouting_common_nbcmn
{
    contains:
        iprouting_cmn/src/route_map_nbcmn.c
    }
sub: iprouting_common_nonblob
{
    contains:
        iprouting_cmn/src/ip_prefixlist_ios.c
        iprouting_cmn/src/policylist_ios.c
    }
sub: iprouting_init_ios

```

```

{
  contains:
    iprouting_cmn/src/iprouting_init_ios.c
}
sub: iprouting_ionblob
{
  context: os==ion
  contains:
    iprouting_cmn/src/iprouting_init_ionblob.c
    iprouting_cmn/src/iprouting_parse_blob.c
    iprouting_cmn/src/router_af_parse_blob.c
}
sub: iprouting_ionized
{
  context: os==ion
  contains:
    iprouting_cmn/src/iprouting_init_ionized.c
    iprouting_cmn/src/route3_ionized.c
}
sub: iprouting_misc
{
  contains:
    iprouting_cmn/src/routemap_api.c
    iprouting_cmn/src/routemap_api_util.c
    iprouting_cmn/src/routemap_internal.c
}
sub: iprouting_nonblob
{
  contains:
    iprouting_cmn/src/iprib_api_svr.c
    iprouting_cmn/src/iprouting_init.c
    iprouting_cmn/src/iprouting_stats.c
    iprouting_cmn/src/protofltr.c
    iprouting_cmn/src/route1.c
    iprouting_cmn/src/route2.c
    iprouting_cmn/src/route3.c
    iprouting_cmn/src/router_af_parse.c
    iprouting_cmn/src/router_topology_parse.c
}
sub: iprouting_parser
{
  contains:
    iprouting_cmn/src/iprouting_parser_linkpoints.c
}
sub: iprouting_registry
{
  contains:
    iprouting_cmn/src/iprouting_registry.c
}

```

```

}
sub: ipv4_subsys
{
  contains:
    iprouting_cmn/src/ipv4_subsys.c
}
sub: lfafrr_registry
{
  contains:
    iprouting_cmn/src/lfafrr_registry.c
}
sub: route_map_globs
{
  contains:
    iprouting_cmn/src/route_map_globs.c
}
sub: route_map_registry
{
  contains:
    iprouting_cmn/src/route_map_registry.c
}
sub: routemap_common_blob
{
  contains:
    iprouting_cmn/src/routemap_ios_blob.c
}
sub: routemap_common_ionized
{
  context: os==ion
  contains:
    iprouting_cmn/src/route_map_http_ion.c
}
sub: routemap_common_nonblob
{
  contains:
    iprouting_cmn/src/routemap_ios.c
    iprouting_cmn/src/routemap_track_ios.c
}
sub: routemap_ios_chain
{
  contains:
    iprouting_cmn/src/routemap_ios_chain.c
}
sub: routemap_lc_ipc
{
  context: os==ios
  contains:
    iprouting_cmn/src/route_map_globs.c
}

```

```

    iprouting_cmn/src/routemap_api.c
    iprouting_cmn/src/routemap_api_util.c
    iprouting_cmn/src/routemap_debug.c
    iprouting_cmn/src/routemap_internal.c
    iprouting_cmn/src/routemap_ios_chain.c
    iprouting_cmn/src/routetag_list.c
}
sub: router_af_actions_registry
{
    contains:
        iprouting_cmn/src/router_af_actions_registry.c
}
sub: router_topology_registry
{
    contains:
        iprouting_cmn/src/router_topology_registry.c
}
sub: routing_context
{
    contains:
        iprouting_cmn/src/routing_context.c
}
sub: routing_context_registry
{
    contains:
        iprouting_cmn/src/routing_context_registry.c
}
}
# end of group: iprouting_cmn

```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/content.lst

No license file was found, but licenses were detected in source scan.

```

/* $Id$
* $Source$
*-----
* route1.c -- Routing Support: Common Routines
*
* 22-March-1986, Kirk Lougheed
*
* Copyright (c) 1986-2020 by cisco Systems, Inc.
* All rights reserved.
*-----
* $Log$
*-----
* $Endlog$
*/

```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/route1.c

No license file was found, but licenses were detected in source scan.

/*

*

*-----

* Generic tag list support.

*

* June 2011, Karthik Subramaniam

*

* Copyright (c) 1997-2008, 2010-2012 by cisco Systems, Inc.

* All rights reserved.

*-----

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/routetag_list.c

No license file was found, but licenses were detected in source scan.

/* \$Id: cfg_routemap_match_policy.h,v 3.3 1995/11/28 19:50:34 widmer Exp \$

* \$Source: /swt/cherf.111/ios/sys/iprouting/cfg_routemap_match_policy.h,v \$

*-----

* cfg_routemap_match_policy.h -- Route map match clauses for policy

* routing.

*

* Mar 1995 Tony Li

*

* Copyright (c) 1995, 2001-2002, 2007-2009, 2014-2015 by cisco Systems, Inc.

* All rights reserved.

*-----

* \$Log: cfg_routemap_match_policy.h,v \$

* Revision 3.3 1995/11/28 19:50:34 widmer

* CSCdi44251: Replace Ifelse(csb->in_help)/Eval with Func

*

* Revision 3.2 1995/11/17 17:31:48 hampton

* Remove old entries from the RCS header logs.

*

* Revision 3.1 1995/11/09 12:05:10 shaker

* Bump version numbers from 2.x to 3.x.

*

* Revision 2.3 1995/06/21 18:16:00 widmer

* CSCdi36227: Fix parse chain alternates

*

* Revision 2.2 1995/06/15 15:18:44 widmer

* CSCdi35889: parser transition structures should be static

*

* Revision 2.1 1995/06/07 21:05:32 hampton

* Bump version numbers from 1.x to 2.x.

*

*-----

* \$Endlog\$

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-

tar/iprouting_cmn/include/cfg_routemap_match_policy.h

No license file was found, but licenses were detected in source scan.

/*

*-----

* exec_debug_protofltr.h

*

* Jan 2006, Mercia Zheng

*

* Copyright (c) 2005-2009 by cisco Systems, Inc.

*

* All Rights Reserved

*-----

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/exec_debug_protofltr.h

No license file was found, but licenses were detected in source scan.

/*-----

* route3_parse.h

*

* Route parser functions declarations.

*

* March 2002, Victor Kamensky

*

* Copyright (c) 2002, 2005-2008 by cisco Systems, Inc.

* All rights reserved.

*-----

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/internal_inc/route3_parse.h

No license file was found, but licenses were detected in source scan.

/* \$Id: cfg_int_ip2_routing.h,v 3.2.60.1 1996/08/12 16:03:24 widmer Exp \$

* \$Source: /release/112/cvs/Xsys/iprouting/cfg_int_ip2_routing.h,v \$

*-----

* cfg_int_ip2_routing.h

*
* May 1994, Derek Yeung
*
* Copyright (c) 1993-1996, 1998-1999, 2007-2009 by cisco Systems, Inc.
* All rights reserved.
*
* IP routing interface commands that must be after the encapsulation command
* in NV order.

*-----
* \$Log: cfg_int_ip2_routing.h,v \$
* Revision 3.2.60.1 1996/08/12 16:03:24 widmer
* CSCdi65725: Create Eolns macro that defaults csb->which to 0
* Branch: California_branch
* Add Eolns and Nvgenns macro that default csb->which to 0
* Remove hidden keyword help strings
*
* Revision 3.2 1995/11/17 17:31:23 hampton
* Remove old entries from the RCS header logs.
*
* Revision 3.1 1995/11/09
12:04:31 shaker
* Bump version numbers from 2.x to 3.x.
*
* Revision 2.2 1995/08/04 03:07:45 dstine
* CSCdi37681: Need event logging for EIGRP
*
* Revision 2.1 1995/07/01 12:15:32 tli
* CSCdi36508: Rationalize parser file placement, part I
* Rationalize iprouting
*
* Revision 2.1 1995/06/07 22:05:27 hampton
* Bump version numbers from 1.x to 2.x.
*
*-----
* \$Endlog\$
*/

Found in path(s):

*/opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/cfg_int_ip2_routing.h
No license file was found, but licenses were detected in source scan.

/* \$Id: rouource_commande_map.c,v 3.4.10.11 1996/07/09 07:35:58 dawnli Exp \$
* \$Source: /release/112/cvs/Xsys/iprouting/route_map.c,v \$
*-----
* route_map.c -- Route map support routines.
*
* 23-January-1993
*
*-----

* Copyright (c) 1986-2020 by cisco Systems, Inc.
 * All rights reserved.
 * -----
 * \$Log: route_map.c,v \$
 * Revision 3.4.10.11 1996/07/09 07:35:58 dawnli
 * CSCdi57006: route-map in configuration are stored/displayed in reverse
 * order
 * Branch: California_branch
 *
 * Revision 3.4.10.10 1996/06/28 23:19:51 hampton
 * Remove gratuitous casting. [CSCdi61655]
 * Branch: California_branch
 *
 * Revision 3.4.10.9 1996/06/05 08:27:06 rchandra
 * CSCdi59547: Routemap: %SYS-4-REGEXP: NULL string parameter error
 * Branch: California_branch
 * - do not pass null path to route_map_match_aspath
 *
 * Revision 3.4.10.8 1996/06/03 23:24:12 ahh
 * CSCdi59119: IP: NAT should support named access-lists
 * And extended access-lists and non-contiguous address pools.
 * Branch: California_branch
 *
 * Revision 3.4.10.7 1996/05/04 01:22:39 wilber
 * Branch: California_branch
 *
 * Constrained Multicast Flooding
 * - Define MOSPF hello option bit.
 *
 * Name Access List
 *
 * Revision 3.4.10.6 1996/04/16 19:02:21 rchandra
 * CSCdi54830: IP features commit
 * Branch: California_branch
 *
 * Revision 3.4.10.5 1996/04/05 03:46:40 rchandra
 * CSCdi53755: BGP: flap dampening settings not flexible enough
 * Branch: California_branch
 * - add route-map support to set flap dampening parameters
 *
 * Revision 3.4.10.4 1996/04/02 07:29:30 dkatz
 * CSCdi52277: Redistribution metric problems with IGRP/EIGRP
 * Branch: California_branch
 * Always store canonical metrics scaled for IGRP, and make EIGRP do
 * its own scaling internally. Get the scaling right in all
 * three
 * places.
 *

- * Revision 3.4.10.3 1996/03/28 23:59:18 rchandra
- * CSCdi52098: BGP: exact keyword not accepted by route-map in community
- * match
- * Branch: California_branch
- * - fix my silly bug in handling exact community matching
- * - limit the range of valid community to 0xFFFF0000
- * - fix a cosmetic bug in show ip community-list
- *
- * Revision 3.4.10.2 1996/03/28 22:28:25 rchandra
- * CSCdi52880: BGP: generate error message for unsupported route-map
- * options
- * Branch: California_branch
- * - generate error message when unsupported route-map option is used
- * - tread confederation EBGp neighbors similar to internal neighbors in
- * best path selection
- * - fix the bug in bgp_compare_med, so that during MED comparison,
- * confederation information is skipped properly
- * - confederation EBGp paths should be inserted into the IP table with
- * internal distance
- * - do not consider common-AS neighbors as confederation neighbors
- * - during 'clear ip bgp dampening'
- avoid skipping paths
- * - undo the patch to the radix version walker
- *
- * Revision 3.4.10.1 1996/03/18 20:29:32 gstovall
- * Branch: California_branch
- * Elvis has left the building. He headed out to California, and took the
- * port ready changes with him.
- *
- * Revision 3.2.26.3 1996/03/16 06:58:25 gstovall
- * Branch: DeadKingOnAThrone_branch
- * Make the king aware of V111_1_3.
- *
- * Revision 3.2.26.2 1996/03/07 09:50:41 mdb
- * Branch: DeadKingOnAThrone_branch
- * cisco and ANSI/POSIX libraries.
- *
- * Revision 3.2.26.1 1996/02/20 01:04:27 dstine
- * Branch: DeadKingOnAThrone_branch
- * Sync from DeadKingOnAThrone_baseline_960122 to
- * DeadKingOnAThrone_baseline_960213
- *
- * Revision 3.4 1996/02/24 02:01:55 pst
- * CSCdi49774: modularize regexp's for bgp (part 3)
- *
- * Revision 3.3 1996/02/01 06:06:17 hampton
- * Migrate files out of the parser directory. [CSCdi47717]
- * Step 2: Change all files which reference the moved parser files to

```

*
point to their new locations.
*
* Revision 3.2 1995/11/17 17:37:13 hampton
* Remove old entries from the RCS header logs.
*
* Revision 3.1 1995/11/09 12:10:35 shaker
* Bump version numbers from 2.x to 3.x.
*
* Revision 2.6 1995/09/25 08:31:19 tli
* CSCdi40960: ISP jumbo patch 2
*
* Revision 2.5 1995/07/06 23:12:39 rchandra
* CSCdi36759: BGP : Add conditional per neighbor default generation
* - add 'neighbor <x.x.x.x> default-originate route-map <tag>' command.
*
* Revision 2.4 1995/06/23 14:26:05 widmer
* CSCdi36318: multiple route-map commands are not accepted
* Fix route-map command NV generation
*
* Revision 2.3 1995/06/15 15:18:52 widmer
* CSCdi35889: parser transition structures should be static
*
* Revision 2.2 1995/06/08 08:59:19 tli
* CSCdi35274: route-map test-1 crashes IOS
* - If a route map does not set any routing information, it should be
* equivalent to not having policy routed the packet.
* - "match length" clauses
were having their flag stepped on because the
* flag update routine didn't know about the clause.
*
* Revision 2.1 1995/06/07 21:10:53 hampton
* Bump version numbers from 1.x to 2.x.
*
*-----
* $Endlog$
*/

```

Found in path(s):

```

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/route_map.c
No license file was found, but licenses were detected in source scan.

```

```

/*-----
* router_af_parse.h
*
* Route Address Family parser functions declarations.
*
* May 2002, Victor Kamensky

```

```
*
* Copyright (c) 2002, 2007-2008 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

```
*/opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/internal_inc/router_af_parse.h
No license file was found, but licenses were detected in source scan.
```

```
/* $Id$
* $Source$
*-----
* Registry for IP FRR infrastructure
*
* July 6, 2010 Ahmed Bashandy
*
* Copyright (c) 2001-2003, 2005, 2007-2008, 2010 by cisco Systems, Inc.
* All rights reserved.
*-----
* $Log$
*-----
* $Endlog$
*/
```

Found in path(s):

```
*/opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/lfafr_registry.h
No license file was found, but licenses were detected in source scan.
```

```
/* $Id$
* $Source$
*-----
* cfg_route_map.h
*
* Enter route-map subcommand mode
*
* Copyright (c) 1992-1996, 2001-2002, 2007-2010, 2017 by cisco Systems, Inc.
* All rights reserved.
*-----
* $Log$
*-----
* $Endlog$
*/
```

Found in path(s):

```
*/opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/cfg_route_map.h
No license file was found, but licenses were detected in source scan.
```

```

/* $Id$
* $Source$
* -----
* exec_show_ip_extcommunity-list.h
*
* April 2000, Rex Fernando
*
* Copyright (c) 2000, 2002-2003, 2007-2008 by cisco Systems, Inc.
* All rights reserved.
* -----
* $Endlog$
*/

```

Found in path(s):

```

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-
tar/iprouting_cmn/internal_inc/exec_show_ip_policylist.h

```

No license file was found, but licenses were detected in source scan.

```

/* $Id: cfg_routemap_set_ip_policy.h,v 3.3.52.1 1996/06/18 19:06:39 widmer Exp $
* $Source: /release/112/cvs/Xsys/iprouting/cfg_routemap_set_ip_policy.h,v $
* -----
* cfg_routemap_set_ip_policy.h -- IP policy specific route map clauses
*
* Mar 1995 Tony Li
*
* Copyright (c) 1995-1998, 2000, 2002, 2004, 2007-2009 by cisco Systems, Inc.
* All rights reserved.
* -----
* $Log: cfg_routemap_set_ip_policy.h,v $
* Revision 3.3.52.1 1996/06/18 19:06:39 widmer
* CSCdi59706: parser lets you set tos/precedence bits forever (input
* loop)
* Branch: California_branch
*
* Revision 3.3 1995/11/28 19:50:38 widmer
* CSCdi44251: Replace Ifelse(csb->in_help)/Eval with Func
*
* Revision 3.2 1995/11/17 17:31:53 hampton
* Remove old entries from the RCS header logs.
*
* Revision 3.1 1995/11/09
12:05:16 shaker
* Bump version numbers from 2.x to 3.x.
*
* Revision 2.5 1995/08/16 01:01:15 tli
* CSCdi38512: Policy: TOS and precedence long help says match instead of
* set
*

```

```

* Revision 2.4 1995/07/12 07:19:09 tli
* CSCdi36426: Policy routing will not disable on an interface
* - Policy routed packets were creating fastswitching cache entries.
* That's not till _next_ release.
* - Add counters to record packet and byte count on a per route map entry
* basis.
* - Marketing identified a catastrophic deficiency. Implemented "set ip
* tos" and "set ip precedence" to cover this deficiency.
*
* Revision 2.3 1995/06/21 18:16:02 widmer
* CSCdi36227: Fix parse chain alternates
*
* Revision 2.2 1995/06/15 15:18:47 widmer
* CSCdi35889: parser transition structures should be static
*
* Revision 2.1 1995/06/07 21:05:39 hampton
* Bump version numbers from 1.x to 2.x.
*
*-----
*
$Endlog$
*/

```

Found in path(s):

```

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-
tar/iprouting_cmn/include/cfg_routemap_set_ip_policy.h

```

No license file was found, but licenses were detected in source scan.

```

/* $Id: cfg_router_passive-interface.h,v 3.2.60.1 1996/08/12 16:03:49 widmer Exp $
* $Source: /release/112/cvs/Xsys/iprouting/cfg_router_passive-interface.h,v $
*-----
* C F G _ R O U T E R _ P A S S I V E _ I N T . H
*
* Copyright (c) 1992-1999, 2001-2010, 2018 by cisco Systems, Inc.
* All Rights Reserved
*-----
* $Log: cfg_router_passive-interface.h,v $
*-----
* $Endlog$
*/

```

Found in path(s):

```

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/internal_inc/cfg_router_passive-
interface.h

```

No license file was found, but licenses were detected in source scan.

```

/*
*-----

```

```
* routemap_debug.c -- Routemap debugging support
*
* July 1998, Wilber Su
*
* Copyright (c) 1998, 2004, 2006-2008 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/routemap_debug.c
No license file was found, but licenses were detected in source scan.
```

```
/*
*-----
* CFG_ROUTER_TOPO_REDISTRIBUTE.H
*
* October 2004, Lisa Z Xu
*
* Copied from and modified based on cfg_router_redistribute.h.
* Warning:
* If you modify this file, please also check cfg_router_redistribute.h
* to see if the changes apply to config-router mode as well.
*
* Copyright (c) 2004-2011, 2018-2021 by Cisco Systems, Inc.
* All Rights Reserved
*-----
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-
tar/iprouting_cmn/src/cfg_router_topo_redistribute.h
No license file was found, but licenses were detected in source scan.
```

```
/*
*-----
* route_map_ionblob.c -- Route Maps support for ION Blob
*
* October 2001, Siva Yaragalla
*
* Copyright (c) 2001-2009, 2011, 2013, 2020 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/route_map_ionblob.c
```

No license file was found, but licenses were detected in source scan.

```
/*-----  
* router_af_parse_blob.c  
*  
* Address family submode command - proxy EOLs  
*  
* May 2002, Victor Kamensky  
*  
* Copyright (c) 2002-2005, 2007-2009 by cisco Systems, Inc.  
* All Rights Reserved  
*-----  
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/router_af_parse_blob.c  
No license file was found, but licenses were detected in source scan.
```

```
/*-----  
* topo_aware.h - Define multi-topology awareness  
*  
* March 2005, Les Ginsberg  
*  
* Copyright (c) 2005, 2007-2008 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/topo_aware.h  
No license file was found, but licenses were detected in source scan.
```

```
/* $Id$  
* $Source$  
*-----  
*  
* parser_defs_route_map.h  
*  
* Constant definition for route-map command and associated subcommands.  
*  
* Copyright (c) 1985-1996, 1999, 2001, 2004-2005, 2007-2008, 2011, 2014-2015 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
* $Log$  
*-----  
* $Endlog$  
*/
```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/parser_defs_route_map.h

No license file was found, but licenses were detected in source scan.

/* \$Id\$

* \$Source\$

*-----

* Parse chains for router Address Family mode

*

* June 2002, Donnie Savage

*

* Copyright (c) 1998-2011, 2013-2014, 2016, 2018-2019 by cisco Systems, Inc.

* All rights reserved.

*-----

* \$Log\$

*-----

* \$Endlog\$

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/router_af_chain.c

No license file was found, but licenses were detected in source scan.

/*

*-----

* exec_debug_routemap.h -- Debugging for Route-map IPC

*

* July 1998, Wilber Su

*

* Copyright (c) 1998, 2001-2002, 2004-2008 by cisco Systems, Inc.

* All rights reserved.

*-----

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/exec_debug_routemap.h

No license file was found, but licenses were detected in source scan.

/* \$Id: exec_clear_ip_prefixlist.h,v 3.1.2.1 1997/12/17 21:36:58 enkechen Exp \$

* \$Source: /release/111/cvs/Xsys/ip/exec_clear_ip_prefixlist.h,v \$

*-----

* exec_clear_ip_prefixlist.h

*

* July 1997, Enke Chen

*

* Copyright (c) 1995-1998, 2000-2001, 2007-2008 by cisco Systems, Inc.

* All rights reserved.

```

*-----
* $Log: exec_clear_ip_prefixlist.h,v $
* Revision 3.1.2.1 1997/12/17 21:36:58 enkechen
* CSCdj61356: Prefix-list - facility for efficient route filtering
* Branch: FIB_branch
*
* Revision 3.1 1997/12/17 01:46:34 enkechen
* Start with the new file.
*
*-----
* $Endlog$
*/

```

Found in path(s):

`/opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/exec_clear_ip_prefixlist.h`

No license file was found, but licenses were detected in source scan.

```

/* $Id$
* $Source$
*-----
* iprouting_blob_undef.c -- undefined symbols from blob when
* routing subsystems are pulled out
*
* October, 2002 Phil Winterfield
*
* Copyright (c) 2001-2005, 2007-2008 by cisco Systems, Inc.
* All rights reserved.
*-----
* $Log$
*-----
* $Endlog$
*/

```

Found in path(s):

`/opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/iprouting_blob_undef.c`

No license file was found, but licenses were detected in source scan.

```

/*-----
* iprouting_cmn.c
*
* This file has global definitions common to blob and iprouting proceses.
*
* Copyright (c) 2002-2009, 2011, 2013 by cisco Systems, Inc.
* All rights reserved.
*-----
*/

```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/iprouting_cmn.c

No license file was found, but licenses were detected in source scan.

/* \$Id: ip_prefixlist.c,v 1.1 2011/02/02 21:47:40 vkoshi Exp vkoshi \$

* \$Source: /view/vkoshi-

comp_routing_rel5.rel4_1_1_19.2460.ss.comp1.port/vob/ss.comp1/routing/iprouting_cmn/src/ip_prefixlist.c,v \$

*-----

* Generic prefix list support.

*

* June 1997, Enke Chen

*

* Copyright (c) 1997-2012, 2016, 2020 by cisco Systems, Inc.

* All rights reserved.

*-----

* \$Log: ip_prefixlist.c,v \$

* Revision 1.1 2011/02/02 21:47:40 vkoshi

* checkin by port_commit

*

* Revision 3.1.2.4 1998/03/20 17:03:32 enkechen

* CSCdj88889: Prefix-list: sho ip prefix-list summ does not pause

* Branch: FIB_branch

*

* Revision 3.1.2.3 1998/02/23 19:43:44 enkechen

* CSCdj75270: Prefix-list: optimization for downloading large lists

* Branch: FIB_branch

*

* Revision 3.1.2.2 1998/02/11 01:55:32 soma

* Merge FIB_L3 branch into FIB branch

*

* Revision 3.1.2.1.8.1 1998/01/29 00:59:02 enkechen

* CSCdj77190: Prefix-list: mishandling of long prefix-list names

* Branch: FIB_L3_branch

*

* Revision 3.1.2.1 1997/12/17 21:37:00 enkechen

* CSCdj61356: Prefix-list - facility for efficient route filtering

* Branch: FIB_branch

*

* Revision 3.1 1997/12/17 01:46:33 enkechen

* Start with the new file.

*

*-----

* \$Endlog\$

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/ip_prefixlist.c

No license file was found, but licenses were detected in source scan.

```
/* $Id: cfg_router_redistribute.h,v 3.4.20.3 1996/08/12 16:03:50 widmer Exp $
* $Source: /release/112/cvs/Xsys/iprouting/cfg_router_redistribute.h,v $
*-----
* CFG_ROUTER_REDISTRIBUTE.H

* Warning:
* If you modify this file, please also check cfg_router_topo_redistribute.h
* to see if the changes apply to config-router-topo mode as well.
*
* Copyright (c) 1992-2012, 2014-2015, 2018-2021 by cisco Systems, Inc.
* All Rights Reserved
*-----
* $Log: cfg_router_redistribute.h,v $
*
*-----
* $Endlog$
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-
tar/iprouting_cmn/internal_inc/cfg_router_redistribute.h
No license file was found, but licenses were detected in source scan.
```

```
/*
*-----
* iprouting_DEBUG_FLAG_BBs.h -- Debugging flag declarations for IP routing
*
* May 1993, John Bashinski
*
* Copyright (c) 1993-2011, 2013, 2015, 2018-2020 by Cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/iprouting_debug_flags.h
No license file was found, but licenses were detected in source scan.
```

```
/* $Id$
* $Source$
*-----
* iprouting_parser.h -- IP routing parser API header file
*
* April - 2007, Selva Subramanian
*
* Copyright (c) 2001-2009 by cisco Systems, Inc.
* All rights reserved.
*-----
```

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/iprouting_parser.h
No license file was found, but licenses were detected in source scan.

```
# $Id$
#
#-----
#
# iprouting.startup - ION iprouting process .startup file
#
# October, 2001, Fan Kong
#
#-----
#
# Copyright (c) 2001-2002, 2004-2007 by cisco Systems, Inc.
# All rights reserved.
#
#-----
```

```
name:iprouting.iosproc
path:/sbin
feature:iprouting
level:100
envs:RLIMIT_NOFILE=65535
```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/iprouting.startup
No license file was found, but licenses were detected in source scan.

```
/* $Id: ip_routing.c,v 3.2 1995/11/17 17:34:11 hampton Exp $
* $Source: /swtal/cherf.111/ios/sys/iprouting/ip_routing.c,v $
*-----
* ip_routing.c -- Generic IP routing functions
*
* Mar 1995 Tony Li
*
* Copyright (c) 1995-1998, 2002-2008, 2010 by cisco Systems, Inc.
* All rights reserved.
*-----
* $Log: ip_routing.c,v $
* Revision 3.2 1995/11/17 17:34:11 hampton
* Remove old entries from the RCS header logs.
*
* Revision 3.1 1995/11/09 12:08:05 shaker
* Bump version numbers from 2.x to 3.x.
*
```

* Revision 2.1 1995/06/07 21:07:03 hampton

* Bump version numbers from 1.x to 2.x.

*

*-----

* \$Endlog\$

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/ip_routing.c

No license file was found, but licenses were detected in source scan.

/* \$Id\$

* \$Source\$

*-----

* policylist.c - Routines to handle policy-list commands

*

* Apr. 2000, Rex Fernando

*

* Copyright (c) 2000, 2002-2011, 2016-2017, 2020 by cisco Systems, Inc.

* All rights reserved.

*-----

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/policylist.c

No license file was found, but licenses were detected in source scan.

/*-----

* router_af_parse.c

*

* Route Address Family command and action definitions. Derived from

* router_af_chain.c

*

* May 2002, Victor Kamensky

*

* Copyright (c) 2002-2010, 2012, 2014-2016, 2019 by cisco Systems, Inc.

* All rights reserved.

*-----

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/router_af_parse.c

No license file was found, but licenses were detected in source scan.

/*

*-----

* ip_prefixlist_chain.c - Parse chains for IP Prefix Lists

*

```
* August 2001, Siva Yaragalla
*
* Copyright (c) 2001-2008 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/ip_prefixlist_chain.c
No license file was found, but licenses were detected in source scan.
```

```
/*
*-----
* Registry for IP route commands in ION
*
* September 2001, Rashmi Shrivastava
*
* Copyright (c) 2001, 2003-2008 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-
tar/iprouting_cmn/internal_inc/ion_iprouting_cmd_registry.h
No license file was found, but licenses were detected in source scan.
```

```
/*-----
* routemap_api_util.c -- Dynamic routemap API utility functions.
*
* May 2003, Tanya Shastri
*
* Copyright (c) 2003, 2005-2010, 2020 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/routemap_api_util.c
No license file was found, but licenses were detected in source scan.
```

```
/* $Id$
* $Source$
*-----
* iprouting_init_ios.c -- IP Routing Init code for Native IOS only
*
* October 2001, Rashmi Shrivastava
*
```

* Copyright (c) 2001-2009 by cisco Systems, Inc.

* All rights reserved.

*-----

* \$Log\$

*-----

* \$Endlog\$

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/iprouting_init_ios.c

No license file was found, but licenses were detected in source scan.

/* \$Id\$

* \$Source\$

*-----

* cfg_router_summary_addr.h

*

* Supports the router subcommand "summary-address". Provides IP aggregation configuration.

*

* Copyright (c) 1992-2004, 2007-2010, 2015, 2018 by cisco Systems, Inc.

* All rights reserved.

*

* Longer description here.

*-----

* \$Log\$

*-----

* \$Endlog\$

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-

tar/iprouting_cmn/internal_inc/cfg_router_summary_addr.h

No license file was found, but licenses were detected in source scan.

/* \$Id: cfg_router_neighbor.h,v 3.3.20.1 1996/08/12 16:03:45 widmer Exp \$

* \$Source: /release/112/cvs/Xsys/iprouting/cfg_router_neighbor.h,v \$

*-----

* C F G _ R O U T E R _ N E I G H B O R . H

*

* Copyright (c) 1992-2002, 2004-2010, 2012, 2018 by cisco Systems, Inc.

* All Rights Reserved

*-----

* \$Log: cfg_router_neighbor.h,v \$

* Revision 3.3.20.1 1996/08/12 16:03:45 widmer

* CSCdi65725: Create Eolns macro that defaults csb->which to 0

* Branch: California_branch

* Add Eolns and Nvgenns macro that default csb->which to 0

```

* Remove hidden keyword help strings
*
* Revision 3.3 1996/02/01 23:33:57 widmer
* CSCdi45325: Change Keyword/Set to use Keyword_Id macro
*
* Revision 3.2 1995/11/17 17:32:14 hampton
* Remove old entries from the RCS header logs.
*
* Revision 3.1
 1995/11/09 12:05:42 shaker
* Bump version numbers from 2.x to 3.x.
*
* Revision 2.1 1995/07/01 12:15:55 tli
* CSCdi36508: Rationalize parser file placement, part I
* Rationalize iprouting
*
* Revision 2.1 1995/06/07 22:12:48 hampton
* Bump version numbers from 1.x to 2.x.
*
*-----
* $Endlog$
*/

```

Found in path(s):

```

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-
tar/iprouting_cmn/internal_inc/cfg_router_neighbor.h

```

No license file was found, but licenses were detected in source scan.

```

/*
*-----
* exec_clear_routemap.h -- clear route-map counters
*
* Copyright (c) 1986-2008 by cisco Systems, Inc.
* All rights reserved.
*-----
*/

```

Found in path(s):

```

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/exec_clear_routemap.h

```

No license file was found, but licenses were detected in source scan.

```

/*-----
* router_topology_parse.c - Router topology command definitions.
*
* Sept 2004, Mercia Zheng
*
* Copyright (c) 2004-2010, 2019-2020 by cisco Systems, Inc.
* All rights reserved.

```

*-----

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/router_topology_parse.c

No license file was found, but licenses were detected in source scan.

/* \$Id: ip_prefixlist.h,v 3.1.2.3 1998/02/23 19:43:44 enkechen Exp \$

* \$Source: /release/111/cvs/Xsys/ip/ip_prefixlist.h,v \$

*-----

* Generic prefix list support.

*

* June 1997, Enke Chen

*

* Copyright (c) 1997-2008, 2010 by cisco Systems, Inc.

* All rights reserved.

*-----

* \$Log: ip_prefixlist.h,v \$

* Revision 3.1.2.3 1998/02/23 19:43:44 enkechen

* CSCdj75270: Prefix-list: optimization for downloading large lists

* Branch: FIB_branch

*

* Revision 3.1.2.2 1998/02/11 01:55:34 soma

* Merge FIB_L3 branch into FIB branch

*

* Revision 3.1.2.1.8.1 1998/01/29 01:02:13 enkechen

* CSCdj77191: Reduce several chunk size parameters to save memory

* Branch: FIB_L3_branch

*

* Revision 3.1.2.1 1997/12/17 21:37:00 enkechen

* CSCdj61356: Prefix-list - facility for efficient route
filtering

* Branch: FIB_branch

*

* Revision 3.1 1997/12/17 01:46:32 enkechen

* Start with the new file.

*

*-----

* \$Endlog\$

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/ip_prefixlist.h

No license file was found, but licenses were detected in source scan.

/*

*-----

* route_map_blob.c -- Route Map Subsystem

*
* Aug 2001, Siva Yaragalla
*
* Copyright (c) 2001-2012, 2014-2018 by cisco Systems, Inc.
* All rights reserved.
*-----
*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/route_map_blob.c
No license file was found, but licenses were detected in source scan.

/*
*-----
* iprouting_parser_linkpoints.h - iprouting parser linkpoint decls.
*
* April, 2005
*
* Copyright (c) 2005, 2007-2008, 2015 by cisco Systems, Inc.
* All rights reserved.
*
*-----
*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/include/iprouting_parser_linkpoints.h
No license file was found, but licenses were detected in source scan.

/* \$Id: cfg_ip_routing_routing.h,v 3.3.46.3 1996/08/12 16:03:33 widmer Exp \$
* \$Source: /release/112/cvs/Xsys/iprouting/cfg_ip_routing_routing.h,v \$
*-----
* IP routing routing commands
*
* May 1993, Robert Widmer
*
* Copyright (c) 1993-2000, 2002-2009 by cisco Systems, Inc.
* All rights reserved.
*
*-----
* \$Log: cfg_ip_routing_routing.h,v \$
* Revision 3.3.46.3 1996/08/12 16:03:33 widmer
* CSCdi65725: Create Eolns macro that defaults csb->which to 0
* Branch: California_branch
* Add Eolns and Nvgenns macro that default csb->which to 0
* Remove hidden keyword help strings
*
* Revision 3.3.46.2 1996/06/17 23:33:31 hampton

* Implement the long sought parser "default" keyword. [CSCdi60510]
 * Branch: California_branch
 *
 * Revision 3.3.46.1 1996/04/15 21:17:41 bcole
 *
 CSCdi54649: IP Host Modularity, IP Automatic Stub Routing feature
 * commit
 * Branch: California_branch
 *
 * Revision 3.3 1995/12/10 00:42:36 pst
 * CSCdi38750: Allow static routes with both next hop and interface
 * also add "permanent" keyword for non-flapping static routes
 *
 * Revision 3.2 1995/11/17 17:31:40 hampton
 * Remove old entries from the RCS header logs.
 *
 * Revision 3.1 1995/11/09 12:04:59 shaker
 * Bump version numbers from 2.x to 3.x.
 *
 * Revision 2.4 1995/10/23 18:33:19 pst
 * CSCdi42608: allow IP cache ager to be shut down, make the
 * "ip cache-ager" and "ip cache-invalidate-delay"
 * commands internal only.
 *
 * Revision 2.3 1995/07/13 21:39:05 ahh
 * CSCdi36962: UDP parsing of tacacs-ds port name broken
 * Restore "tacacs-ds" as a keyword, but hide it and map it to TACACS_PORT
 * for backwards compatibility.
 *
 * Revision 2.2 1995/07/11 21:52:08 raj
 * CSCdi36510: parser doesnt accept ip forward-protocol
 udp xdmcp
 * (Actually the parser didn't accept *any* symbolic names in the position
 * of the UDP port number; only numbers. It now uses the UDP_PORT macro
 * instead.
 *
 * Revision 2.1 1995/07/01 12:15:42 tli
 * CSCdi36508: Rationalize parser file placement, part I
 * Rationalize iprouting
 *
 * Revision 2.1 1995/06/07 22:08:34 hampton
 * Bump version numbers from 1.x to 2.x.
 *
 *-----
 * \$Endlog\$
 */

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/cfg_ip_routing_routing.h
No license file was found, but licenses were detected in source scan.

```
/*-----  
* router_topology_registry.c  
*  
* Router topology registry.  
*  
* Sept 2004, Mercia Zheng  
*  
* Copyright (c) 2004-2005, 2007-2008 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
*/
```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/router_topology_registry.c
No license file was found, but licenses were detected in source scan.

```
/* $Id$  
* $Source$  
*-----  
* route2.c -- Routing Support: User Interface Routines  
*  
* 22-March-1986, Kirk Lougheed  
*  
* Copyright (c) 1986-2020 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
* $Log$  
*-----  
* $Endlog$  
*/
```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/route2.c
No license file was found, but licenses were detected in source scan.

```
/* $Id$  
* $Source$  
*-----  
* IP routing parse chains  
*  
* May 1993, Robert Widmer  
*  
* Copyright (c) 1993-2012, 2015-2016 by cisco Systems, Inc.  
* All rights reserved.  
*  
*-----
```

```
*-----  
* $Log$  
*-----  
* $Endlog$  
*/
```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/iprouting_chain.c
No license file was found, but licenses were detected in source scan.

```
/* $Id$  
* $Source$  
*-----  
* lfafr_registry.c  
*  
* July 2010, Ahmed Bashandy  
*  
* Copyright (c) 2001, 2003, 2005, 2007-2008, 2010 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
* $Log$  
*-----  
* $Endlog$  
*/
```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/lfafr_registry.c
No license file was found, but licenses were detected in source scan.

```
/*  
*-----  
* ip_prefixlist_ionblob.c - IP Prefix Lists support for IONized clients  
*  
* January 2002, Siva Yaragalla  
*  
* Copyright (c) 2002-2003, 2005, 2007-2008 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
*/
```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/ip_prefixlist_ionblob.c
No license file was found, but licenses were detected in source scan.

```
/*-----  
* exec_routing_context.h  
*  
* This file defines the routing-context command syntax.
```

*
* March 2009, Derek Yeung
*
* Copyright (c) 2009-2010, 2015, 2020 by cisco Systems, Inc.
* All rights reserved.
*-----
*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/exec_routing_context.h
No license file was found, but licenses were detected in source scan.

/*
*-----
* cfg_router_topology_exit.h - Exit from router topology sub mode.
*
* Sept 2004, Mercia Zheng
*
* Copyright (c) 2004, 2006-2009 by cisco Systems, Inc.
* All rights reserved.
*-----
*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/cfg_router_topology_exit.h
No license file was found, but licenses were detected in source scan.

/* \$Id: iprouting_init.c,v 1.1 2003/06/13 18:30:09 dsavage Exp dsavage \$
* \$Source: /view/dsavage-CSCdy77097-rip-V123/vob/ios.sys2/sys/iprouting/iprouting_init.c,v \$
*-----
* iprouting_init.c -- initialize IP Routing Protocol support.
*
* 20-August-1985, Kirk Lougheed
*
* Copyright (c) 1985-2012, 2016, 2018-2019 by cisco Systems, Inc.
* All rights reserved.
*-----
* \$Log: iprouting_init.c,v \$
* Revision 1.1 2003/06/13 18:30:09 dsavage
* Initial revision
*
*-----
* \$Endlog\$
*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/iprouting_init.c

No license file was found, but licenses were detected in source scan.

```
/* $Id$
* $Source$
*-----
* Address-family command; enters Address Family mode.
*
* Sept 1998, Bob Thomas
*
* Copyright (c) 1998-1999, 2001-2010, 2012, 2018 by cisco Systems, Inc.
* All rights reserved.
*-----
* $Log$
*-----
* $Endlog$
*/
```

Found in path(s):

`/opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/cfg_router_af.h`

No license file was found, but licenses were detected in source scan.

```
/*
*-----
* cfg_routetag_list.h -- Route Tag List Parser Command
*
* June 2011, Karthik Subramaniam
*
* Copyright (c) 1997-2001, 2004, 2007-2008, 2011, 2013 by cisco Systems, Inc.
* All rights reserved.
*-----
* $Endlog$
*/
```

Found in path(s):

`/opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/cfg_routetag_list.h`

No license file was found, but licenses were detected in source scan.

```
/* $Id$
* $Source$
*-----
* protofltr.c -- Routing protocol filter manager support routines
*
* Jan 2006, Mercia Zheng
*
* Copyright (c) 2005-2011, 2020 by cisco Systems, Inc.
* All rights reserved.
*-----
```

* \$Log\$

*-----

* \$Endlog\$

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/protofltr.c

No license file was found, but licenses were detected in source scan.

/*

*-----

* exec_show_routetag_list.h

*

* Copyright (c) 1993-1996, 1998, 2003-2008, 2011 by cisco Systems, Inc.

* All rights reserved.

*

* Command parsing chain for "show route-tag".

*-----

*

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/exec_show_routetag_list.h

No license file was found, but licenses were detected in source scan.

/*

*-----

* Debugging flag declarations for protocol filter manager - ION

*

* Jan 2006, Mercia Zheng

*

* Copyright (c) 2005-2008 by cisco Systems, Inc.

* All Rights Reserved

*-----

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/protofltr_debug_flags_ion.h

No license file was found, but licenses were detected in source scan.

/*

*-----

* ipv4_subsys.c - IPv4 Routing Startup Subsystem

*

* July 2005, Mark Schaefer

*

* Copyright (c) 2005-2010, 2013 by cisco Systems, Inc.

* All rights reserved.

```
*-----  
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/ipv4_subsys.c
```

No license file was found, but licenses were detected in source scan.

```
/*-----
```

```
* routemap_internal.c -- Internal funtions of routemap code.
```

```
*
```

```
* May 2003, Tanya Shastri
```

```
*
```

```
* Copyright (c) 2003, 2005-2009, 2011-2019 by cisco Systems, Inc.
```

```
* All rights reserved.
```

```
*-----
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/routemap_internal.c
```

No license file was found, but licenses were detected in source scan.

```
/*-----
```

```
* iprouting_parse_blob.c
```

```
*
```

```
* Parser support for IP ROUTING .
```

```
* This file implements proxy eols that call iprouting parser remote
```

```
* registries.
```

```
*
```

```
* September 2001, Rashmi Shrivastava
```

```
*
```

```
* Copyright (c) 2001-2009 by cisco Systems, Inc.
```

```
* All Rights Reserved
```

```
*-----
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/iprouting_parse_blob.c
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
*-----
```

```
* policylist_ionized.c - Routines to handle policy-list commands for
```

```
*
```

```
IONized processes.
```

```
*
```

```
* November 2003, Siva Yaragalla
```

```
*
```

```
* Copyright (c) 2003-2005, 2007-2008 by cisco Systems, Inc.
```

```
* All rights reserved.
```

*-----

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/policylist_ionized.c

No license file was found, but licenses were detected in source scan.

/* \$Id\$

* \$Source\$

*-----

* CFG_ROUTER_OUTPUT_DELAY.H

*

* router RIP inter-frame gap subcommand

*

* Aug 1996, Dawn Li

*

* Copyright (c) 1996, 1998-1999, 2001, 2007-2008 by cisco Systems, Inc.

* All rights reserved.

*-----

* \$Log\$

*-----

* \$Endlog\$

*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/internal_inc/cfg_router_output-delay.h

1.117 gzip 1.9-11.el8

1.117.1 Available under license :

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1.121 selinux 2.9-5.el8

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1.122 policycoreutils 2.9-9.el8

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1.123 pam 1.3.1-14.el8

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```
/* $Id$
* $Source$
*-----
* pam_ppm_redirect_ut.h
*   pam ppm redirect ut specific function definitions
*
* January 2011, c3pl-dev
*
* Copyright (c) 2011 by cisco Systems, Inc.
* All rights reserved.
*-----
* $Log$
* Branch:
*-----
```

* \$Endlog\$

*/

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/ut/internal_inc/pam_ppm_redirect_ut.h

No license file was found, but licenses were detected in source scan.

/* \$Id\$

* \$Source\$

*-----

* pam_policy.h : includes for onep pam related

* routines

* June 2011, c3pl-dev

*

* Copyright (c) 2011 by cisco Systems, Inc.

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*-----

*/

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/include/pam_policy.h

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/*-----

* pam_client_typedef.h

*

* Aug 2011, c3pl-dev

*

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*-----

*/

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/internal_inc/pam_client_typedef.h

No license file was found, but licenses were detected in source scan.

/*-----

* pam_app_db_typedef.h

*

* Aug 2011, c3pl-dev

*

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*-----

*/

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/internal_inc/pam_app_db_typedef.h

No license file was found, but licenses were detected in source scan.

/* \$Id\$

* \$Source\$

*-----

* pam_target.c : pam target api implementation

* routines

* June 2011, c3pl-dev

*

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*-----

*/

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/src/pam_target.c

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##

Sub-Component "c3pl/client/pam":

##

C3PL Client Policy Abstraction Module

##

Author: c3pl-dev

Date: June 2011

##

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All rights reserved.

##

syntax: 1.0.0

group: generic

{

enum:

internal_inc/enum/pam_class.enum

internal_inc/enum/pam_client.enum

internal_inc/enum/pam_obj.enum

internal_inc/enum/pam_policy.enum

}

group: top

{

includes: \$(COMPONENT_ROOT)/posix/include

sub: c3pl_pam

{

```
contains:
  pam/src/pam_app_data_db.c
  pam/src/pam_app_db.c
  pam/src/pam_hdl.c
  pam/src/pam_provision.c
}
}
```

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/content.lst

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```
/* $Id$
* $Source$
*-----
* pam_ppm_shim.h
*   pam ppm shim specific function definitions
*
* January 2011, c3pl-dev
*
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*-----
* $Log$
* Branch:
*-----
* $Endlog$
*/
```

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* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/ut/internal_inc/pam_ppm_shim.h

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```
/*
* $Id$
* $Source$
*-----
* pam_app_data_db.c : pam app data db implementation routines
*
* Aug 2011, c3pl-dev
*
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*-----
*/
```

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/src/pam_app_data_db.c

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```
/*-----  
* pam_policy_typedef.h  
*  
* Aug 2011, c3pl-dev  
*  
* Copyright (c) 2011 by Cisco Systems, Inc.  
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*-----  
*/
```

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/internal_inc/pam_policy_typedef.h

No license file was found, but licenses were detected in source scan.

```
#-----  
# pam_client.enum -- PAM client type enumerations  
#  
# Aug 2011, c3pl-dev  
#  
# Copyright (c) 2011 by cisco Systems, Inc.  
# All rights reserved.  
#-----
```

BEGIN PAM_CLIENT_ENUM

ENUM pam_client_type

String to dump for debug commands.

ATTRIBUTE pam_client_debug

TYPE char*

END ATTRIBUTE

String to be reserved as name prefix.

ATTRIBUTE pam_client_prefix

TYPE char*

END ATTRIBUTE

ITEM PAM_CLIENT_ONEP

LONG "ONEP"

SHORT "ONEP "

ATTRIBUTE[pam_client_debug] "ONEP"

ATTRIBUTE[pam_client_prefix] "__ONEP_"

END ITEM

END ENUM

END

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/internal_inc/enum/pam_client.enum

No license file was found, but licenses were detected in source scan.

```
/* $Id$
* $Source$
*-----
* pam_class.h : includes for onep pam related
*             routines
* June 2011, c3pl-dev
*
* Copyright (c) 2011 by cisco Systems, Inc.
* All rights reserved.
*-----
*/
```

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/include/pam_class.h

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/include/pam_exception_type.h

No license file was found, but licenses were detected in source scan.

```
/* $Id$
* $Source$
*-----
* pam_debug.h : pam debug macros
*
* June 2011, c3pl-dev
*
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* All rights reserved.
*-----
*/
```

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/internal_inc/pam_debug.h

No license file was found, but licenses were detected in source scan.

```
/*-----
* pam_app_data_db.h: Function delcarations for manipulating the PAM APP DATA DB
*
* Aug 2011, c3pl-dev
*
* Copyright (c) 2011 by Cisco Systems, Inc.
* All rights reserved
*-----
*/
```

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/internal_inc/pam_app_data_db.h

No license file was found, but licenses were detected in source scan.

```
/*-----  
* pam_app_data_db_typedef.h  
*  
* Aug 2011, c3pl-dev  
*  
* Copyright (c) 2011 by Cisco Systems, Inc.  
* All rights reserved  
*-----  
*/
```

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/internal_inc/pam_app_data_db_typedef.h

No license file was found, but licenses were detected in source scan.

```
#-----  
# pam_exception.enum -- PAM Exception type enumerations  
#  
# July 2011  
#  
# Copyright (c) 2011 by cisco Systems, Inc.  
# All rights reserved.  
#-----
```

BEGIN PAM_EXCEPTION_ENUM

ENUM pam_exception_type

String to dump for debug commands.

ATTRIBUTE pam_exception_debug

TYPE char*

END ATTRIBUTE

ITEM PAM_OK

LONG ""

SHORT "OK "

ATTRIBUTE[pam_exception_debug] "OK"

END ITEM

ITEM PAM_INVLD_HDL

LONG ""

SHORT "INVLD_HDL "

ATTRIBUTE[pam_exception_debug] "INVALID_HANDLE"

END ITEM

```

ITEM PAM_INVLD_ATTR
LONG          ""
SHORT         "INVLD_ATTR "

ATTRIBUTE[pam_exception_debug] "INVALID_ATTRIBUTE"
END ITEM

ITEM PAM_APPID_NO_MATCH
LONG          ""
SHORT         "APPID_NO_MATCH "
ATTRIBUTE[pam_exception_debug] "APPID_NO_MATCH"
END ITEM

ITEM PAM_SYS_NOMEM
LONG          ""
SHORT         "SYS_NOMEM "
ATTRIBUTE[pam_exception_debug] "SYSTEM_NO_MEMORY"
END ITEM

ITEM PAM_ADD_ACTION_FAIL
LONG          ""
SHORT         "ADD_ACTION_FAIL "
ATTRIBUTE[pam_exception_debug] "ADD_ACTION_FAILED"
END ITEM

ITEM PAM_RM_ACTION_FAIL
LONG          ""
SHORT         "RM_ACTION_FAIL "
ATTRIBUTE[pam_exception_debug] "REMOVE_ACTION_FAILED"
END ITEM

ITEM PAM_ATTACH_POL_FAIL
LONG          ""
SHORT         "ATTACH_POL_FAIL "
ATTRIBUTE[pam_exception_debug] "ATTACH_POLICY_FAILED"
END ITEM

ITEM PAM_DETACH_POL_FAIL
LONG          ""
SHORT         "DETACH_POL_FAIL "
ATTRIBUTE[pam_exception_debug] "DETACH_POL_FAILED"
END ITEM

ITEM PAM_STORE_POL_FAIL
LONG          ""
SHORT         "STORE_POL_FAIL "

```

ATTRIBUTE[pam_exception_debug] "STORE_POLICY_FAILED"

END ITEM

ITEM PAM_DEL_POL_FAIL

LONG ""

SHORT "DEL_POL_FAIL "

ATTRIBUTE[pam_exception_debug] "DELETE_POLICY_FAILED"

END ITEM

ITEM PAM_ADD_CLS_FAIL

LONG ""

SHORT "ADD_CLS_FAIL "

ATTRIBUTE[pam_exception_debug] "ADD_CLASS_FAILED"

END ITEM

ITEM PAM_DEL_CLS_FAIL

LONG ""

SHORT "DEL_CLS_FAIL "

ATTRIBUTE[pam_exception_debug] "DELETE_CLASS_FAILED"

END ITEM

ITEM PAM_ERR_CLASS_IN_USE

LONG ""

SHORT "ERR_CLASS_IN_USE "

ATTRIBUTE[pam_exception_debug] "ERR_CLASS_IN_USE"

END ITEM

ITEM PAM_STORE_CLS_FAIL

LONG ""

SHORT "STORE_CLS_FAIL "

ATTRIBUTE[pam_exception_debug] "STORE_CLASS_FAILED"

END ITEM

ITEM PAM_QUERY_CLS_FAIL

LONG ""

SHORT "QUERY_CLS_FAIL "

ATTRIBUTE[pam_exception_debug] "QUERY_CLASS_FAILED"

END ITEM

ITEM PAM_QUERY_POL_FAIL

LONG ""

SHORT "QUERY_POL_FAIL "

ATTRIBUTE[pam_exception_debug] "QUERY_POLICY_FAILED"

END ITEM

ITEM PAM_POL_NOT_FOUND

LONG

```

        ""
SHORT          "POL_NOT_FOUND "
ATTRIBUTE[pam_exception_debug] "POLICY_NOT_FOUND"
END ITEM

ITEM PAM_ADD_FILTER_FAIL
LONG          ""
SHORT          "ADD_FILTER_FAIL "
ATTRIBUTE[pam_exception_debug] "ADD_FILTER_FAIL"
END ITEM

ITEM PAM_RM_FILTER_FAIL
LONG          ""
SHORT          "RM_FILTER_FAIL "
ATTRIBUTE[pam_exception_debug] "REMOVE_FILTER_FAIL"
END ITEM

ITEM PAM_ADD_CLD_POL_FAIL
LONG          ""
SHORT          "ADD_CHILD_POL_FAIL "
ATTRIBUTE[pam_exception_debug] "ADD_CHILD_POL_FAIL"
END ITEM

ITEM PAM_DTH_CLD_POL_FAIL
LONG          ""
SHORT          "DETACH_CHILD_POL_FAIL "
ATTRIBUTE[pam_exception_debug] "DETACH_CHILD_POL_FAIL"
END ITEM

ITEM PAM_RETRV_CHLD_POL_FAIL
LONG          ""
SHORT          "RETRIEVE_CHILD_POL_FAIL "
ATTRIBUTE[pam_exception_debug] "RETRIEVE_CHILD_POL_FAIL"
END ITEM

ITEM PAM_DEL_PARTIAL
LONG          ""
SHORT          "DELETE_PARTIAL "
ATTRIBUTE[pam_exception_debug] "DELETE_PARTIAL"
END ITEM

END ENUM

END

```

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/include/enum/pam_exception.enum

No license file was found, but licenses were detected in source scan.

```
/*-----  
* pam_app_db_types.h: Internally used data structures for PAM APP DB  
*  
* Aug 2011, c3pl-dev  
*  
* Copyright (c) 2011 by Cisco Systems, Inc.  
* All rights reserved  
*-----  
*/
```

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/internal_inc/pam_app_db_types.h

No license file was found, but licenses were detected in source scan.

```
/* $Id$  
* $Source$  
*-----  
* pam_target.h : includes for onep pam related  
*          routines  
* June 2011, c3pl-dev  
*  
* Copyright (c) 2011 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
*/
```

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/include/pam_target.h

No license file was found, but licenses were detected in source scan.

```
/*  
* $Id$  
* $Source$  
*-----  
* pam_hdl.c : pam hdl api implementation  
*          routines  
* Aug 2011, c3pl-dev  
*  
* Copyright (c) 2011-2012 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
*/
```

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/src/pam_hdl.c

No license file was found, but licenses were detected in source scan.

```
/*
 * $Id$
 * $Source$
 *-----
 * pam_app_db.c : pam app db api implementation
 *             routines
 * Aug 2011, c3pl-dev
 *
 * Copyright (c) 2011 by cisco Systems, Inc.
 * All rights reserved.
 *-----
 */
```

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/src/pam_app_db.c

No license file was found, but licenses were detected in source scan.

```
/* $Id$
 * $Source$
 *-----
 * pam_types.h : includes for onep pam related
 *             routines
 * June 2011, c3pl-dev
 *
 * Copyright (c) 2011 by cisco Systems, Inc.
 * All rights reserved.
 *-----
 */
```

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/include/pam_types.h

No license file was found, but licenses were detected in source scan.

```
/*-----
 * pam_app_data_db_types.h: Internally used data structures for PAM APP DATA DB
 *
 * Aug 2011, c3pl-dev
 *
 * Copyright (c) 2011 by Cisco Systems, Inc.
 * All rights reserved
 *-----
 */
```

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/internal_inc/pam_app_data_db_types.h

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*-----

*/

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/src/pam_provision.c

No license file was found, but licenses were detected in source scan.

/*-----

* pam_hdl.h: Function declarations for manipulating handles

*

* Aug 2011, c3pl-dev

*

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*-----

*/

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/internal_inc/pam_hdl.h

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#-----

pam_obj.enum -- PAM obj type enumerations

#

Aug 2011, c3pl-dev

#

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#-----

BEGIN PAM_OBJ_ENUM

ENUM pam_obj_type

String to dump for debug commands.

ATTRIBUTE pam_obj_debug

TYPE char*

END ATTRIBUTE

ITEM PAM_OBJ_TYPE_CLASS

LONG ""

SHORT "CLASS "

ATTRIBUTE[pam_obj_debug] "CLASS"

END ITEM

ITEM PAM_OBJ_TYPE_POLICY

```
LONG          ""
SHORT         "POLICY "
ATTRIBUTE[pam_obj_debug] "POLICY"
END ITEM
```

END ENUM

END

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/internal_inc/enum/pam_obj.enum

No license file was found, but licenses were detected in source scan.

```
/*-----
* pam_app_db.h: Function delcarations for manipulating the PAM APP DB
*
* Aug 2011, c3pl-dev
*
* Copyright (c) 2011 by Cisco Systems, Inc.
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*-----
*/
```

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/internal_inc/pam_app_db.h

No license file was found, but licenses were detected in source scan.

```
/*-----
* pam_class_typedef.h
*
* Aug 2011, c3pl-dev
*
* Copyright (c) 2011 by Cisco Systems, Inc.
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*-----
*/
```

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/internal_inc/pam_class_typedef.h

No license file was found, but licenses were detected in source scan.

```
/*-----
* pam_provision.h: Function declarations used during PAM provisioning
*
* Aug 2011, c3pl-dev
*
* Copyright (c) 2011 by Cisco Systems, Inc.
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```

```
*-----  
*/
```

Found in path(s):

```
* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/internal_inc/pam_provision.h  
No license file was found, but licenses were detected in source scan.
```

```
/*-----  
* pam_obj_typedef.h  
*  
* Aug 2011, c3pl-dev  
*  
* Copyright (c) 2011 by Cisco Systems, Inc.  
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*-----  
*/
```

Found in path(s):

```
* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/internal_inc/pam_obj_typedef.h  
No license file was found, but licenses were detected in source scan.
```

```
#-----  
# pam_class.enum -- PAM class type enumeration  
#  
# Aug 2011, c3pl-dev  
#  
# Copyright (c) 2011 by cisco Systems, Inc.  
# All rights reserved.  
#-----
```

```
BEGIN PAM_CLASS_ENUM
```

```
ENUM pam_class_type
```

```
# String to dump for debug commands.
```

```
ATTRIBUTE pam_class_debug
```

```
TYPE char*
```

```
END ATTRIBUTE
```

```
ITEM PAM_CLASS_QOS
```

```
LONG ""
```

```
SHORT "QOS "
```

```
ATTRIBUTE[pam_class_debug] "QOS"
```

```
END ITEM
```

```
END ENUM
```

```
END
```

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/internal_inc/enum/pam_class.enum

No license file was found, but licenses were detected in source scan.

```
/* $Id$
* $Source$
*-----
* pam_class.c : pam class api implementation
*             routines
* June 2011, c3pl-dev
*
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*-----
*/
```

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/src/pam_class.c

No license file was found, but licenses were detected in source scan.

```
/* $Id$
* $Source$
*-----
* pam_ppm_shim.c : This file has routines which will be called
*                 to intercept the ppm invocation. These routines
*                 call the PAM apis which in turn call the PPM apis
*
* June 2011, c3pl-dev
*
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*-----
*/
```

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/ut/src/pam_ppm_shim.c

No license file was found, but licenses were detected in source scan.

```
/* $Id$
* $Source$
*-----
* pam_action.c : pam action api implementation
*              routines
* June 2011, c3pl-dev
*
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```

*-----
*/

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/src/pam_action.c

No license file was found, but licenses were detected in source scan.

/*-----

* pam_hdl_types.h: Pertaining to PAM handles

*

* Aug 2011, c3pl-dev

*

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*-----

*/

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/include/pam_hdl_types.h

No license file was found, but licenses were detected in source scan.

/* \$Id\$

* \$Source\$

*-----

* pam_action.h : includes for onep pam related

* routines

* June 2011, c3pl-dev

*

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*-----

*/

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/include/pam_action.h

No license file was found, but licenses were detected in source scan.

/* \$Id\$

* \$Source\$

*-----

* pam_policy.c : pam policy api implementation

* routines

* June 2011, c3pl-dev

*

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*-----

*/

Found in path(s):

* /opt/cola/permits/1130449949_1615189670.63/0/pam-tar/pam/src/pam_policy.c

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```
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```

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

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`Gnomovision' (which makes passes at compilers) written by James Hacker.
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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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