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Contents

1.1 libtomcrypt 1.17

1.1.1 Available under license :

/*

* 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 libtommath 0.42.0

1.2.1 Available under license :

LibTomMath is hereby released into the Public Domain.

-- Tom St Denis

1.3 diffutils 3.7

1.3.1 Available under license :

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Version 3, 29 June 2007

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1.4 gzip 1.10
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1.5 bzip2 1.0.8

1.6 zlib 1.2.8

1.6.1 Available under license :

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

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

*/

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1.7 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
-
-  Copyright (C) Andrew Tridgell          2005
+  Copyright (C) Andrew Tridgell           1999-2005
+  Copyright (C) Jeremy Allison           2000-2006
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```

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   ** library. This does NOT imply that all of Samba is released
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Gadi Oxman, August 1995

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  the Program is not required to print an announcement.)

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with
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  b) Accompany it with a written offer, valid for at least three
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  cost of physically performing source distribution, a complete
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  distributed under the terms of Sections 1 and 2 above on a medium
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  c) Accompany it
 with the information you received as to the offer
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  received the program in object code or executable form with such
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The source code for a work means the preferred form of the work for
making modifications to it. For an executable work, complete source
code means all the source code for all modules it contains, plus any
associated interface definition files, plus the scripts used to
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[This is the first released version of the library GPL. It is
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they blur the distinction we usually make between modifying or adding to a
program and simply using it. Linking a program with a library, without
changing the library, is
 in some sense simply using the library, and is
analogous to running a utility program or application program. However, in
a textual and legal sense, the linked executable is a combined work, a
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treats it as such.

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

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this as regards changes in
 header files, but we have achieved it as regards
changes in the actual functions of the Library.) The hope is that this
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  The precise terms and conditions for copying, distribution and
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included without limitation in the term "modification".)

 "Source code" for a work means the preferred form of the work for
making modifications to it. For a library, complete source code means
all the source code for all modules it contains, plus any associated
interface definition files, plus the scripts used to control compilation
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 other than copying, distribution and modification are not
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  table of data to be supplied by an application program that uses
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  in the event an application does not supply such function or
  table, the facility still operates, and performs whatever
part of
  its purpose remains meaningful.

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

These requirements apply to the modified work as a whole. If
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must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

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

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 However, linking a "work that uses the Library" with the Library

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

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

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

 6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that
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relink to produce a modified
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d) Verify that the user has already received a copy of these
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For an executable, the required form of the "work that uses the
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reproducing the executable from it. However, as
a special exception,
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distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
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This is the Debian GNU/Linux prepackaged version of the EXT2 file
system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were
written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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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>,
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1.8 net-tools 2.10

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1.9 c-ares 1.16.1

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1.10 lsof 4.91

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1.11 hd-parm 9.58

1.12 tar 1.32

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   table, the facility still operates, and performs whatever part of
   its purpose remains meaningful.

   (For example, a function in a library to compute square roots has
   a purpose that is entirely well-defined independent of the
   application. Therefore, Subsection 2d requires that any
   application-supplied function or table used by this function

must

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Section 6 states terms for distribution of such executables.

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work. (Executables containing this object code plus portions of the
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1.15 libmnl 1.0.4-6.el8

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  its purpose remains meaningful.

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 machine-readable source code, which
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6b.

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1.23 ncurses 6.2

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1.24 grep 3.4

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packaging a Major Component, but which is not part of that Major
Component, and (b) serves only to enable use of the work with that
Major Component, or to implement a Standard Interface for which an
implementation is available to the public in source code form. A
"Major Component", in this context, means a major essential component
(kernel, window system, and so on) of the specific operating system
(if any) on which the executable work runs, or a compiler used to
produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all
the source code needed to generate, install, and (for an executable
work) run the object code and to modify the work, including scripts to
control those activities. However, it does not include the work's

System Libraries, or general-purpose tools or generally
 available free
programs which are used unmodified in performing those activities but
which are not part of the work. For example, Corresponding Source
includes interface definition files associated with source files for
the work, and the source code for shared libraries and dynamically
linked subprograms that the work is specifically designed to require,
such as by intimate data communication or control flow between those
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4 to
  "keep intact all notices".

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 6. Conveying Non-Source Forms.

 You may convey a covered work in object code form under the terms
of sections 4 and 5, provided that you also convey the
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in one of these ways:

  a) Convey the object code in, or embodied in, a physical product
  (including a physical distribution medium), accompanied by the
  Corresponding Source fixed on a durable physical medium
  customarily used for software interchange.

  b) Convey the object code in, or embodied in, a physical product
  (including a physical distribution medium), accompanied by a
  written offer, valid for at least three years
and valid for as
  long as you offer spare parts or customer support for that product
  model, to give anyone who possesses the object code either (1) a
  copy of the Corresponding Source for all the software in the
  product that is covered by this License, on a durable physical
  medium customarily used for software interchange, for a price no
  more than your reasonable cost of physically performing this
  conveying of source, or (2) access to copy the
  Corresponding Source from a network server at no charge.

  c) Convey individual copies of the object code with a copy of the
  written offer to provide the Corresponding Source. This
  alternative is allowed only occasionally and noncommercially, and
  only if you received the object code with such an offer, in accord
  with subsection 6b.

d) Convey the object code by offering access from a designated
place (gratis or for a charge), and offer equivalent access to the
Corresponding Source in
the same way through the same place at no
further charge. You need not require recipients to copy the
Corresponding Source along with the object code. If the place to
copy the object code is a network server, the Corresponding Source
may be on a different server (operated by you or a third party)
that supports equivalent copying facilities, provided you maintain
clear directions next to the object code saying where to find the
Corresponding Source. Regardless of what server hosts the
Corresponding Source, you remain obligated to ensure that it is
available for as long as needed to satisfy these requirements.

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you inform other peers where the object code and Corresponding
Source of the work are being offered to the general public at no
charge under subsection 6d.

A separable portion of the object code, whose source code is excluded
from the Corresponding Source
as a System Library, need not be
included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any
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into a dwelling. In determining whether a product is a consumer product,
doubtful cases shall be resolved in favor of coverage. For a particular
product received by a particular user, "normally used" refers to a
typical or common use of that class of product, regardless of the status
of the particular user or of the way in which the particular user
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is a consumer product regardless of whether the product has substantial
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keys, or other information required to install
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Corresponding Source conveyed under this section must be accompanied
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been installed in
 ROM).

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adversely affects the operation of the network or violates the rules and
protocols for communication across the network.

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the interface presents a list of user commands or options, such as a
menu, a prominent item in the list meets this criterion.

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

A "Standard Interface" means an interface that either is an official
standard defined by a recognized standards body, or, in the case of
interfaces specified for a particular programming language, one that
is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other
than
 the work as a whole, that (a) is included in the normal form of
packaging a Major Component, but which is not part of that Major
Component, and (b) serves only to enable use of the work with that
Major Component, or to implement a Standard Interface for which an
implementation is available to the public in source code form. A
"Major Component", in this context, means a major essential component
(kernel, window system, and so on) of the specific operating system
(if any) on which the executable work runs, or a compiler used to
produce the work, or an object code interpreter used to run it.

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the source code needed to generate, install, and (for an executable
work) run the object code and to modify the work, including scripts to
control those activities. However, it does not include the work's
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  Corresponding Source from a network server at no charge.

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  only if you received the object code with such an offer, in accord
  with subsection 6b.

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1.26 cpio 2.13

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

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implementation is available to the public in source code form. A
"Major Component", in this context, means a major essential component
(kernel, window system, and so on) of the specific operating system
(if any) on which the executable work runs, or a compiler used to
produce the work, or an object code interpreter used to run it.

 The "Corresponding Source" for a work in object code form means all
the source code needed to generate, install, and (for an executable
work) run the object code and to modify the work, including scripts to
control those activities. However, it does not include the work's
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programs which are used unmodified in performing
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1.28 netcat 0.7.1

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1.29 coreutils 8.32

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the interface presents a list of user commands or options, such as a
menu, a prominent item in the list meets this criterion.

 1. Source Code.

 The "source code" for a work means the preferred form of the work
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form of a work.

 A "Standard Interface" means an interface that either is an official
standard defined by a recognized standards body, or, in the case of
interfaces specified for a particular programming language, one that
is widely used among developers working in that language.

 The
 "System Libraries" of an executable work include anything, other
than the work as a whole, that (a) is included in the normal form of
packaging a Major Component, but which is not part of that Major
Component, and (b) serves only to enable use of the work with that
Major Component, or to implement a Standard Interface for which an
implementation is available to the public in source code form. A
"Major Component", in this context, means a major essential component
(kernel, window system, and so on) of the specific operating system
(if any) on which the executable work runs, or a compiler used to
produce the work, or an object code interpreter used to run it.

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the source code needed to generate, install, and (for an executable
work) run the object code and to modify the work, including scripts to
control those activities. However, it does not include the work's
System Libraries, or general-purpose tools or generally
 available free
programs which are used unmodified in performing those activities but
which are not part of the work. For example, Corresponding Source
includes interface definition files associated with source files for

the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

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  customarily used for software interchange.

  b) Convey the object code in, or embodied in, a physical product
  (including a physical distribution medium), accompanied by a
  written offer, valid for at least three years
and valid for as
  long as you offer spare parts or customer support for that product
  model, to give anyone who possesses the object code either (1) a
  copy of the Corresponding Source for all the software in the
  product that is covered by this License, on a durable physical
  medium customarily used for software interchange, for a price no
  more than your reasonable cost of physically performing this
  conveying of source, or (2) access to copy the
  Corresponding Source from a network server at no charge.

  c) Convey individual copies of the object code with a copy of the
  written offer to provide the Corresponding Source. This
  alternative is allowed only occasionally and noncommercially, and
  only if you received the object code with such an offer, in accord
  with subsection 6b.

  d) Convey the object code by offering access from a designated
  place (gratis or for a charge), and offer equivalent access to the
  Corresponding Source in
the same way through the same place at no
  further charge. You need not require recipients to copy the

Corresponding Source along with the object code. If the place to
copy the object code is a network server, the Corresponding Source
may be on a different server (operated by you or a third party)
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clear directions next to the object code saying where to find the
Corresponding Source. Regardless of what server hosts the
Corresponding Source, you remain obligated to ensure that it is
available for as long as needed to satisfy these requirements.

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you inform other peers where the object code and Corresponding
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A separable portion of the object code, whose source code is excluded
from the Corresponding Source
as a System Library, need not be
included in conveying the object code work.

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typical or common use of that class of product, regardless of the status
of the particular user or of the way in which the particular user
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by the Installation Information. But this requirement does not apply

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protocols for communication across the network.

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1.30 sed 4.8

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standard defined by a recognized standards body, or, in the case of
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is widely used among developers working in that language.

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than the work as a whole, that (a) is included in the normal form of
packaging a Major Component, but which is not part of that Major
Component, and (b) serves only to enable use of the work with that
Major Component, or to implement a Standard Interface for which an
implementation is available to the public in source code form. A
"Major Component", in this context, means a major essential component
(kernel, window system, and so on) of the specific operating system
(if any) on which the executable work runs, or a compiler used to
produce the work, or an object code interpreter used to run it.

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the source code needed to generate, install, and (for an executable
work) run the object code and to modify the work, including scripts to
control those activities. However, it does not include the work's
System Libraries, or general-purpose tools or generally
 available free
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includes interface definition files associated with source files for
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  (including a physical distribution medium), accompanied by a
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and valid for as
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  with subsection 6b.

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  Corresponding Source in
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that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and
modification follow. Pay close attention to the difference between a

"work based on the library" and a "work that uses the library". The
former contains code derived from the library, whereas the latter must
be combined with the library in order
 to run.

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Each licensee is addressed as "you".

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

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

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

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

 1. You may copy and distribute verbatim copies of the Library's
complete source code as you receive it, in any medium,
 provided that
you conspicuously and appropriately publish on each copy an
appropriate copyright notice and disclaimer of warranty; keep intact
all the notices that refer to this License and to the absence of any
warranty; and distribute a copy of this License along with the

Library.

 You may charge a fee for the physical act of transferring a copy,
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fee.

 2. You may modify your copy or copies of the Library or any portion
of it, thus forming a work based on the Library, and copy and
distribute such modifications or work under the terms of Section 1
above, provided that you also meet all of these conditions:

  a) The modified work must itself be a software library.

  b) You must cause the files modified to carry prominent notices
    stating that you changed the files and the date of any change.

  c) You must cause the whole of the work to be licensed at no
    charge to all third parties under the
  terms of this License.

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

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

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

Thus, it is not the intent of this section to claim rights or contest

your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Library.

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

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

 Once this change is made in a given copy, it is irreversible for
that copy, so the ordinary GNU General Public License applies to all
subsequent copies and derivative works made from that copy.

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

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

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

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

 However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it

contains portions of the Library), rather than a "work that
 uses the
library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

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

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

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

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

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

  a) Accompany
 the work with the complete corresponding
   machine-readable source code for the Library including whatever
   changes were used in the work (which must be distributed under
   Sections 1 and 2 above); and, if the work is an executable linked
   with the Library, with the complete machine-readable "work that
   uses the Library", as object code and/or source code, so that the
   user can modify the Library and then relink to produce a modified

executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

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

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

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

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

For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that is
normally
distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.

It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
distribute.

7. You may place library facilities that are a work based on the
Library side-by-side in a single library together with other library
facilities not covered by this License, and distribute such a combined
library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work
     based on the Library, uncombined with any
other library
     facilities. This must be distributed under the terms of the
     Sections above.

     b) Give prominent notice with the combined library of the fact
     that part of it is a work based on the Library, and explaining
     where to find the accompanying uncombined form of the same work.

 8. You may not copy, modify, sublicense, link with, or distribute
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redistribution under these terms (or, alternatively, under the terms of the
ordinary General Public License).

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

    <one line to give the library's name and a brief idea of what it does.>
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Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your
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necessary. Here is a sample; alter the names:

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library `Frob' (a library for tweaking knobs) written by James Random Hacker.

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

That's all there is to it!

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Version 3, 29 June 2007

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 When we speak of free software, we are referring to
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 To protect your rights, we need to prevent others from denying you
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 For example, if you distribute copies of such a program, whether
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or can get the source code. And you must show them these terms so they
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 Developers that use the GNU GPL protect your rights with two steps:
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 assert copyright on the software, and (2) offer you this License
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 For the developers' and authors' protection, the GPL clearly explains
that there is no warranty for this free software. For both users' and
authors' sake, the GPL requires that modified versions be marked as
changed, so that their problems will not be attributed erroneously to
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 Some devices are designed to deny users access to install or run
modified versions of the software inside them, although the manufacturer
can do so. This is fundamentally incompatible with the aim of
protecting users' freedom to change the software. The systematic
pattern of such abuse occurs in the area of products for individuals to
use, which is precisely where it is most unacceptable. Therefore, we
have designed this version of the GPL to prohibit the practice for those
products. If such problems arise substantially in other domains, we
stand
 ready to extend this provision to those domains in future versions
of the GPL, as needed to protect the freedom of users.

 Finally, every program is threatened constantly by software patents.
States should not allow patents to restrict development and use of
software on general-purpose computers, but in those that do, we wish to
avoid the special danger that patents applied to a free program could

make it effectively proprietary. To prevent this, the GPL assures that
patents cannot be used to render the program non-free.

 The precise terms and conditions for copying, distribution and
modification follow.

TERMS AND CONDITIONS

 0. Definitions.

 "This License" refers to version 3 of the GNU General Public License.

 "Copyright" also means copyright-like laws that apply to other kinds of
works, such as semiconductor masks.

 "The Program" refers to any copyrightable work licensed under this
License. Each licensee is addressed as "you". "Licensees"
 and
"recipients" may be individuals or organizations.

 To "modify" a work means to copy from or adapt all or part of the work
in a fashion requiring copyright permission, other than the making of an
exact copy. The resulting work is called a "modified version" of the
earlier work or a work "based on" the earlier work.

 A "covered work" means either the unmodified Program or a work based
on the Program.

 To "propagate" a work means to do anything with it that, without
permission, would make you directly or secondarily liable for
infringement under applicable copyright law, except executing it on a
computer or modifying a private copy. Propagation includes copying,
distribution (with or without modification), making available to the
public, and in some countries other activities as well.

 To "convey" a work means any kind of propagation that enables other
parties to make or receive copies. Mere interaction with a user through
a computer network, with no transfer of a copy, is
 not conveying.

 An interactive user interface displays "Appropriate Legal Notices"
to the extent that it includes a convenient and prominently visible
feature that (1) displays an appropriate copyright notice, and (2)
tells the user that there is no warranty for the work (except to the
extent that warranties are provided), that licensees may convey the
work under this License, and how to view a copy of this License. If
the interface presents a list of user commands or options, such as a
menu, a prominent item in the list meets this criterion.

1. Source Code.

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

A "Standard Interface" means an interface that either is an official
standard defined by a recognized standards body, or, in the case of
interfaces specified for a particular programming language, one that
is widely used among developers working in that language.

The
"System Libraries" of an executable work include anything, other
than the work as a whole, that (a) is included in the normal form of
packaging a Major Component, but which is not part of that Major
Component, and (b) serves only to enable use of the work with that
Major Component, or to implement a Standard Interface for which an
implementation is available to the public in source code form. A
"Major Component", in this context, means a major essential component
(kernel, window system, and so on) of the specific operating system
(if any) on which the executable work runs, or a compiler used to
produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all
the source code needed to generate, install, and (for an executable
work) run the object code and to modify the work, including scripts to
control those activities. However, it does not include the work's
System Libraries, or general-purpose tools or generally
available free
programs which are used unmodified in performing those activities but
which are not part of the work. For example, Corresponding Source
includes interface definition files associated with source files for
the work, and the source code for shared libraries and dynamically
linked subprograms that the work is specifically designed to require,
such as by intimate data communication or control flow between those
subprograms and other parts of the work.

The Corresponding Source need not include anything that users
can regenerate automatically from other parts of the Corresponding
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same work.

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 Conveying under any other circumstances is permitted solely under
the conditions stated below. Sublicensing is not allowed;
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 No covered work shall be deemed part of an effective technological
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modification of the work as a means of enforcing, against the work's
users, your or third parties' legal rights to forbid circumvention of
technological measures.

 4. Conveying Verbatim Copies.

 You may convey verbatim copies of the Program's source code as you
receive it, in any medium, provided that you conspicuously and
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 publish on each copy an appropriate copyright notice;
keep intact all notices stating that this License and any
non-permissive terms added in accord with section 7 apply to the code;

keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

a) The work must carry prominent notices stating that you modified it, and giving a relevant date.

b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to
"keep intact all notices".

c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution
medium, is called an
"aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms

of sections 4 and 5, provided that you also convey the
machine-readable Corresponding Source under the terms of this License,
in one of these ways:

  a) Convey the object code in, or embodied in, a physical product
  (including a physical distribution medium), accompanied by the
  Corresponding Source fixed on a durable physical medium
  customarily used for software interchange.

  b) Convey the object code in, or embodied in, a physical product
  (including a physical distribution medium), accompanied by a
  written offer, valid for at least three years
 and valid for as
  long as you offer spare parts or customer support for that product
  model, to give anyone who possesses the object code either (1) a
  copy of the Corresponding Source for all the software in the
  product that is covered by this License, on a durable physical
  medium customarily used for software interchange, for a price no
  more than your reasonable cost of physically performing this
  conveying of source, or (2) access to copy the
  Corresponding Source from a network server at no charge.

  c) Convey individual copies of the object code with a copy of the
  written offer to provide the Corresponding Source. This
  alternative is allowed only occasionally and noncommercially, and
  only if you received the object code with such an offer, in accord
  with subsection 6b.

  d) Convey the object code by offering access from a designated
  place (gratis or for a charge), and offer equivalent access to the
  Corresponding Source in
 the same way through the same place at no
  further charge. You need not require recipients to copy the
  Corresponding Source along with the object code. If the place to
  copy the object code is a network server, the Corresponding Source
  may be on a different server (operated by you or a third party)
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and valid for as
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set yrange [0:]
set terminal pngcairo font 'Sans, 8' lw 1 size 1400,1024
set xtics rotate by -45
set style histogram errorbars gap 2 lw 1
set style fill solid border -1
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1.36 libidn 2.3.0

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   its purpose remains meaningful.

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1.38 busybox 1.32.0

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Julian Seward, Cambridge, UK.
jseward@bzip.org
bzip2/libbzip2 version 1.0.4 of 20 December 2006
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cost of physically performing source distribution, a complete
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distributed

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1.39 libssh2 1.9.0

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1.40 file 5.39

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1.41 traceroute 2.1.0-r0

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included without limitation in the term "modification".)

 "Source code" for a work means the preferred form of the work for
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  in the event an application does not supply such function or
  table, the facility still operates, and performs whatever part of
  its purpose remains meaningful.

  (For example, a function in a library to compute square roots has
  a purpose that is entirely well-defined independent of the
  application. Therefore, Subsection 2d requires that any
  application-supplied function or table used by this function must
  be optional: if the application does not supply it, the square
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 machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

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

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

 However, linking a "work that uses the Library" with the Library

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

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

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

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

 6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
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copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License. Also, you must do one
of these things:

  a) Accompany
 the work with the complete corresponding
   machine-readable source code for the Library including whatever
   changes were used in the work (which must be distributed under
   Sections 1 and 2 above); and, if the work is an executable linked
   with the Library, with the complete machine-readable "work that
   uses the Library", as object code and/or source code, so that the

user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

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

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

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

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

For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that is
normally
distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.

It may happen that this requirement contradicts the license
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of it, thus forming a work based on the Library, and copy and
distribute such modifications or work under the terms of Section 1
above, provided that you also meet all of these conditions:

@enumerate a
@item
The modified work must itself be a software library.

@item
You must cause the files modified to carry prominent notices
stating that you changed the files and the date of any change.

@item
You must
 cause the whole of the work to be licensed at no
charge to all third parties under the terms of this License.

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

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

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

entire whole, and thus to each and every part regardless of who wrote
it.

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

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

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

 Once this change is made in a given copy, it is irreversible for
that copy, so the ordinary GNU General Public License applies to all
subsequent copies and derivative works made from that copy.

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

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

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

@item
A program that contains no derivative of any portion of the

Library, but is designed to work with the Library by being compiled or
linked with it, is called a ``work that uses the Library''. Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

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

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

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

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

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

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

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

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

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

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

@item
Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.
@end enumerate

 For an executable, the required form of the ``work that uses the
Library'' must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that
 is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on

which the executable runs, unless that component itself accompanies the executable.

 It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

@item
You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

@enumerate a
@item
Accompany the combined library with a copy of the same work based on the Library,
 uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

@item
Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.
@end enumerate

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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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@end

smallexample

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

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consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the
ordinary GNU General Public License. This license, the GNU Lesser
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is quite different from the ordinary General Public License. We use
this license for certain libraries in order to permit linking those
libraries into non-free programs.

When a program is linked with a library, whether statically or using
a shared library, the combination of the two is legally speaking a
combined work, a derivative of the original library. The ordinary
General Public License therefore permits
such linking only if the
entire combination fits its criteria of freedom. The Lesser General
Public License permits more lax criteria for linking other code with
the library.

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

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

In other cases, permission to use a particular library in non-free
programs enables a greater number of people to use a large body of
free software. For example, permission to use the GNU C Library in
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operating system, as well as its variant, the GNU/Linux operating
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users' freedom, it does ensure that the user of a program that is
linked with the Library has the freedom and the wherewithal to run
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The precise terms and conditions for copying, distribution and
modification follow. Pay close attention to the difference between a
"work based on the library" and a "work that uses the library". The
former contains code derived from the library, whereas the latter must
be combined with the library in order
to run.

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program which contains a notice placed by the copyright holder or
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A "library" means a collection of software functions and/or data
prepared so as to be conveniently linked with application programs
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The "Library", below, refers to any such software library or work
which has been distributed under these terms. A "work based on the
Library" means either the Library or any derivative work under
copyright law: that is to say, a work containing the Library or a
portion of it, either verbatim or with modifications and/or translated
straightforwardly into
another language. (Hereinafter, translation is
included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for
making modifications to it. For a library, complete source code means
all the source code for all modules it contains, plus any associated
interface definition files, plus the scripts used to control compilation
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covered by this License; they are outside its scope. The act of
running a program using the Library is not restricted, and output from
such a program is covered only if its contents constitute a work based
on the Library (independent of the use of the Library in a tool for
writing it). Whether that is true depends on what the Library does
and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's
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  a) The modified work must itself be a software library.

  b) You must cause the files modified to carry prominent notices
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  c) You must cause the whole of the work to be licensed at no
  charge to all third parties under the
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  d) If a facility in the modified Library refers to a function or a
  table of data to be supplied by an application program that uses
  the facility, other than as an argument passed when the facility
  is invoked, then you must make a good faith effort to ensure that,
  in the event an application does not supply such function or
  table, the facility still operates, and performs whatever part of
  its purpose remains meaningful.

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

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Library,
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 reasonably considered independent and separate works in
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this License, whose permissions for other licensees extend to the
entire whole, and thus to each and every part regardless of who wrote
it.

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

In addition, mere aggregation of another work not based on the Library
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 3. You may opt to apply the terms of the ordinary
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that version instead if you wish.) Do not make any other change in
these notices.

 Once this change is made in a given copy, it is irreversible for
that copy, so the ordinary GNU General Public License applies to all
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 This option is useful when you wish to copy part of the code of
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 4. You may copy and distribute the Library (or a portion or
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it with the complete corresponding
 machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

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

5. A program that contains no derivative of any portion of the
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work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

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

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

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

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

6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
work containing portions of the Library, and distribute that work
under terms of your choice, provided that the terms permit
modification of the work for the customer's own use and reverse
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during execution displays copyright notices, you must include the
copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License. Also, you must do one
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a) Accompany
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machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
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uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
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b) Use a suitable shared library mechanism for linking with the
Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
will operate
properly with a modified version of the library, if
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1.46 json-c 0.15

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1.47 libcap 2.26-4.el8

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1.48 gnutls 3.6.14

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##
Constant-time SSSE3 AES core implementation.
version 0.1
##
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##
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1.50 tftp-hpa 5.2

1.50.1 Available under license :

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

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*/

Found in path(s):

* /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftp/tftp.c

*

 /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/common/tftpsubs.c

* /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftp/main.c

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

Summary: The client for the Trivial File Transfer Protocol (TFTP).

Name: tftp

Version: 5.2

Release: 1

License: BSD
Group: Applications/Internet
Source0: http://www.kernel.org/pub/software/network/tftp/tftp-hpa-%{version}.tar.gz
BuildRequires: tcp_wrappers-devel
BuildRoot: %{_tmppath}/%{name}-root

%description
The Trivial File Transfer Protocol (TFTP) is normally used only for
booting diskless workstations. The tftp package provides the user
interface for TFTP, which allows users to transfer files to and from a
remote machine. This program and TFTP provide very little security,
and should not be enabled unless it is expressly needed.

%package server
Group: System Environment/Daemons
Summary: The server for the Trivial File Transfer Protocol (TFTP).
Requires: xinetd

%description server
The Trivial File Transfer Protocol (TFTP) is normally used only for
booting diskless workstations. The tftp-server package provides
 the
server for TFTP, which allows users to transfer files to and from a
remote machine. TFTP provides very little security, and should not be
enabled unless it is expressly needed. The TFTP server is run from
/etc/xinetd.d/tftp, and is disabled by default on Red Hat Linux systems.

%prep
%setup -q -n tftp-hpa-%{version}

%build

%configure
make %{?_smp_mflags}

%install
rm -rf ${RPM_BUILD_ROOT}
mkdir -p ${RPM_BUILD_ROOT}%{_bindir}
mkdir -p ${RPM_BUILD_ROOT}%{_mandir}/man{1,8}
mkdir -p ${RPM_BUILD_ROOT}%{_sbindir}

make INSTALLROOT=${RPM_BUILD_ROOT} \
  SBINDIR=%{_sbindir} MANDIR=%{_mandir} \
 install
install -m755 -d ${RPM_BUILD_ROOT}%{_sysconfdir}/xinetd.d/ ${RPM_BUILD_ROOT}/tftpboot
install -m644 tftp-xinetd ${RPM_BUILD_ROOT}%{_sysconfdir}/xinetd.d/tftp

%post server

```
/sbin/service xinetd reload > /dev/null 2>&1 || :

%postun server
if [ $1 = 0 ]; then
    /sbin/service xinetd reload > /dev/null 2>&1 || :
fi

%clean
rm -rf ${RPM_BUILD_ROOT}

%files
%defattr(-,root,root)
%{_bindir}/tftp
%{_mandir}/man1/*

%files
 server
%defattr(-,root,root)
%config(noreplace) %{_sysconfdir}/xinetd.d/tftp
%dir /tftpboot
%{_sbindir}/in.tftpd
%{_mandir}/man8/*

%changelog
* Tue Sep 14 2004 H. Peter Anvin <hpa@zytor.com>
- removed completely broken "Malta" patch.
- integrated into build machinery so rpm -ta works.

* Fri Feb 13 2004 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Wed Jun 04 2003 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Fri Apr 11 2003 Elliot Lee <sopwith@redhat.com>
- 0.33
- Add /tftpboot directory (#88204)

* Mon Feb 24 2003 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Sun Feb 23 2003 Tim Powers <timp@redhat.com>
- add BuildPreReq on tcp_wrappers

* Wed Jan 22 2003 Tim Powers <timp@redhat.com>
- rebuilt

* Mon Nov 11 2002 Elliot Lee <sopwith@redhat.com> 0.32-1
```

- Update to 0.32

* Wed Oct 23 2002 Elliot Lee <sopwith@redhat.com> 0.30-1
- Fix #55789
- Update to 0.30

* Thu Jun 27 2002 Elliot Lee <sopwith@redhat.com>
- Try applying HJ's patch from #65476

* Fri Jun
 21 2002 Tim Powers <timp@redhat.com>
- automated rebuild

* Mon Jun 17 2002 Elliot Lee <sopwith@redhat.com>
- Update to 0.29

* Thu May 23 2002 Tim Powers <timp@redhat.com>
- automated rebuild

* Wed Jan 09 2002 Tim Powers <timp@redhat.com>
- automated rebuild

* Tue Dec 18 2001 Elliot Lee <sopwith@redhat.com> 0.17-15
- Add patch4: netkit-tftp-0.17-defaultport.patch for bug #57562
- Update to tftp-hpa-0.28 (bug #56131)
- Remove include/arpa/tftp.h to fix #57259
- Add resource limits in tftp-xinetd (#56722)

* Sun Jun 24 2001 Elliot Lee <sopwith@redhat.com>
- Bump release + rebuild.

* Tue Jun 12 2001 Helge Deller <hdeller@redhat.de> (0.17-13)
- updated tftp-hpa source to tftp-hpa-0.17
- tweaked specfile with different defines for tftp-netkit and tftp-hpa version
- use hpa's tftpd.8 man page instead of the netkits one

* Mon May 07 2001 Helge Deller <hdeller@redhat.de>
- rebuilt in 7.1.x

* Wed Apr 18 2001 Helge Deller <hdeller@redhat.de>
- fix tftp client's put problems (#29529)
- update
 to tftp-hpa-0.16

* Wed Apr 4 2001 Jakub Jelinek <jakub@redhat.com>
- don't let configure to guess compiler, it can pick up egcs

* Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>

- changed "wait" in xinetd file to "yes" (hpa-tftpd forks and exits) (#26467)
- fixed hpa-tftpd to handle files greater than 32MB (#23725)
- added "-l" flag to hpa-tftpd for file-logging (#26467)
- added description for "-l" to the man-page

* Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
- updated tftp client to 0.17 stable (#19640),
- drop dependency on xinetd for tftp client (#25051),

* Wed Jan 17 2001 Jeff Johnson <jbj@redhat.com>
- xinetd shouldn't wait on tftp (which forks) (#23923).

* Sat Jan 6 2001 Jeff Johnson <jbj@redhat.com>
- fix to permit tftp put's (#18128).
- startup as root with chroot to /tftpboot with early reversion to nobody
 is preferable to starting as nobody w/o ability to chroot.
- %%post is needed by server, not client. Add %%postun for erasure as well.

* Wed Aug 23 2000
 Nalin Dahyabhai <nalin@redhat.com>
- default to being disabled

* Thu Aug 17 2000 Jeff Johnson <jbj@redhat.com>
- correct group.

* Tue Jul 25 2000 Nalin Dahyabhai <nalin@redhat.com>
- change user from root to nobody

* Sat Jul 22 2000 Jeff Johnson <jbj@redhat.com>
- update to tftp-hpa-0.14 (#14003).
- add server_args (#14003).
- remove -D_BSD_SOURCE (#14003).

* Fri Jul 21 2000 Nalin Dahyabhai <nalin@redhat.com>
- cook up an xinetd config file for tftpd

* Wed Jul 12 2000 Prospector <bugzilla@redhat.com>
- automatic rebuild

* Sun Jun 18 2000 Jeff Johnson <jbj@redhat.com>
- FHS packaging.
- update to 0.17.

* Fri May 5 2000 Matt Wilson <msw@redhat.com>
- use _BSD_SOURCE for hpa's tftpd so we get BSD signal semantics.

* Fri Feb 11 2000 Bill Nottingham <notting@redhat.com>
- fix description

* Wed Feb 9 2000 Jeff Johnson <jbj@redhat.com>
- compress man pages (again).

* Wed Feb 02 2000 Cristian Gafton <gafton@redhat.com>
- man pages are compressed
- fix description and summary

* Tue
 Jan 4 2000 Bill Nottingham <notting@redhat.com>
- split client and server

* Tue Dec 21 1999 Jeff Johnson <jbj@redhat.com>
- update to 0.16.

* Sat Aug 28 1999 Jeff Johnson <jbj@redhat.com>
- update to 0.15.

* Wed Apr 7 1999 Jeff Johnson <jbj@redhat.com>
- tftpd should truncate file when overwriting (#412)

* Sun Mar 21 1999 Cristian Gafton <gafton@redhat.com>
- auto rebuild in the new build environment (release 22)

* Mon Mar 15 1999 Jeff Johnson <jbj@redhat.com>
- compile for 6.0.

* Fri Aug 7 1998 Jeff Johnson <jbj@redhat.com>
- build root

* Mon Apr 27 1998 Prospector System <bugs@redhat.com>
- translations modified for de, fr, tr

* Mon Sep 22 1997 Erik Troan <ewt@redhat.com>
- added check for getpwnam() failure

* Tue Jul 15 1997 Erik Troan <ewt@redhat.com>
- initial build

Found in path(s):
* /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftp.spec
No license file was found, but licenses were detected in source scan.

/* -*- c -*- --- *
 *
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 *
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```
*    as the "OpenBSD" operating system, distributed at
*    http://www.openbsd.org/.
*
* ----------------------------------------------------------------------- */
```

Found in path(s):
* /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/config.h
No license file was found, but licenses were detected in source scan.

```
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.\"
.\"----------------------------------------------------------------------- */
```

Found in path(s):
* /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftp/tftp.1.in
No license file was found, but licenses were detected in source scan.

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

Found in path(s):
* /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftpd/remap.h
* /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftpd/misc.c
* /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftpd/remap.c
No license file was found, but licenses were detected in source scan.

Found in path(s):
* /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftpd/tftpd.8.in
No license file was found, but licenses were detected in source scan.

Summary: The client for the Trivial File Transfer Protocol (TFTP).
Name: tftp
Version: @@VERSION@@
Release: 1
License: BSD
Group: Applications/Internet
Source0: http://www.kernel.org/pub/software/network/tftp/tftp-hpa-%{version}.tar.gz
BuildRequires: tcp_wrappers-devel
BuildRoot: %{_tmppath}/%{name}-root

%description
The Trivial File Transfer Protocol (TFTP) is normally used only for
booting diskless workstations. The tftp package provides the user
interface for TFTP, which allows users to transfer files to and from a
remote machine. This program and TFTP provide very little security,
and should not be enabled unless it is expressly needed.

%package server
Group: System Environment/Daemons
Summary: The server for the Trivial File Transfer Protocol (TFTP).
Requires: xinetd

%description server
The Trivial File Transfer Protocol (TFTP) is normally used only for
booting diskless workstations. The tftp-server package
 provides the
server for TFTP, which allows users to transfer files to and from a
remote machine. TFTP provides very little security, and should not be
enabled unless it is expressly needed. The TFTP server is run from
/etc/xinetd.d/tftp, and is disabled by default on Red Hat Linux systems.

%prep
%setup -q -n tftp-hpa-%{version}

%build

%configure
make %{?_smp_mflags}

%install
rm -rf ${RPM_BUILD_ROOT}
mkdir -p ${RPM_BUILD_ROOT}%{_bindir}
mkdir -p ${RPM_BUILD_ROOT}%{_mandir}/man{1,8}

```
mkdir -p ${RPM_BUILD_ROOT}%{_sbindir}

make INSTALLROOT=${RPM_BUILD_ROOT} \
   SBINDIR=%{_sbindir} MANDIR=%{_mandir} \
 install
install -m755 -d ${RPM_BUILD_ROOT}%{_sysconfdir}/xinetd.d/ ${RPM_BUILD_ROOT}/tftpboot
install -m644 tftp-xinetd ${RPM_BUILD_ROOT}%{_sysconfdir}/xinetd.d/tftp

%post server
/sbin/service xinetd reload > /dev/null 2>&1 || :

%postun server
if [ $1 = 0 ]; then
   /sbin/service xinetd reload > /dev/null 2>&1 || :
fi

%clean
rm -rf ${RPM_BUILD_ROOT}

%files
%defattr(-,root,root)
%{_bindir}/tftp
%{_mandir}/man1/*

%files
 server
%defattr(-,root,root)
%config(noreplace) %{_sysconfdir}/xinetd.d/tftp
%dir /tftpboot
%{_sbindir}/in.tftpd
%{_mandir}/man8/*

%changelog
* Tue Sep 14 2004 H. Peter Anvin <hpa@zytor.com>
- removed completely broken "Malta" patch.
- integrated into build machinery so rpm -ta works.

* Fri Feb 13 2004 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Wed Jun 04 2003 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Fri Apr 11 2003 Elliot Lee <sopwith@redhat.com>
- 0.33
- Add /tftpboot directory (#88204)

* Mon Feb 24 2003 Elliot Lee <sopwith@redhat.com>
```

- rebuilt

* Sun Feb 23 2003 Tim Powers <timp@redhat.com>
- add BuildPreReq on tcp_wrappers

* Wed Jan 22 2003 Tim Powers <timp@redhat.com>
- rebuilt

* Mon Nov 11 2002 Elliot Lee <sopwith@redhat.com> 0.32-1
- Update to 0.32

* Wed Oct 23 2002 Elliot Lee <sopwith@redhat.com> 0.30-1
- Fix #55789
- Update to 0.30

* Thu Jun 27 2002 Elliot Lee <sopwith@redhat.com>
- Try applying HJ's patch from #65476

*
 Fri Jun 21 2002 Tim Powers <timp@redhat.com>
- automated rebuild

* Mon Jun 17 2002 Elliot Lee <sopwith@redhat.com>
- Update to 0.29

* Thu May 23 2002 Tim Powers <timp@redhat.com>
- automated rebuild

* Wed Jan 09 2002 Tim Powers <timp@redhat.com>
- automated rebuild

* Tue Dec 18 2001 Elliot Lee <sopwith@redhat.com> 0.17-15
- Add patch4: netkit-tftp-0.17-defaultport.patch for bug #57562
- Update to tftp-hpa-0.28 (bug #56131)
- Remove include/arpa/tftp.h to fix #57259
- Add resource limits in tftp-xinetd (#56722)

* Sun Jun 24 2001 Elliot Lee <sopwith@redhat.com>
- Bump release + rebuild.

* Tue Jun 12 2001 Helge Deller <hdeller@redhat.de> (0.17-13)
- updated tftp-hpa source to tftp-hpa-0.17
- tweaked specfile with different defines for tftp-netkit and tftp-hpa version
- use hpa's tftpd.8 man page instead of the netkits one

* Mon May 07 2001 Helge Deller <hdeller@redhat.de>
- rebuilt in 7.1.x

* Wed Apr 18 2001 Helge Deller <hdeller@redhat.de>
- fix tftp client's put problems (#29529)
-
 update to tftp-hpa-0.16

* Wed Apr 4 2001 Jakub Jelinek <jakub@redhat.com>
- don't let configure to guess compiler, it can pick up egcs

* Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
- changed "wait" in xinetd file to "yes" (hpa-tftpd forks and exits) (#26467)
- fixed hpa-tftpd to handle files greater than 32MB (#23725)
- added "-l" flag to hpa-tftpd for file-logging (#26467)
- added description for "-l" to the man-page

* Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
- updated tftp client to 0.17 stable (#19640),
- drop dependency on xinetd for tftp client (#25051),

* Wed Jan 17 2001 Jeff Johnson <jbj@redhat.com>
- xinetd shouldn't wait on tftp (which forks) (#23923).

* Sat Jan 6 2001 Jeff Johnson <jbj@redhat.com>
- fix to permit tftp put's (#18128).
- startup as root with chroot to /tftpboot with early reversion to nobody
 is preferable to starting as nobody w/o ability to chroot.
- %%post is needed by server, not client. Add %%postun for erasure as well.

* Wed Aug
 23 2000 Nalin Dahyabhai <nalin@redhat.com>
- default to being disabled

* Thu Aug 17 2000 Jeff Johnson <jbj@redhat.com>
- correct group.

* Tue Jul 25 2000 Nalin Dahyabhai <nalin@redhat.com>
- change user from root to nobody

* Sat Jul 22 2000 Jeff Johnson <jbj@redhat.com>
- update to tftp-hpa-0.14 (#14003).
- add server_args (#14003).
- remove -D_BSD_SOURCE (#14003).

* Fri Jul 21 2000 Nalin Dahyabhai <nalin@redhat.com>
- cook up an xinetd config file for tftpd

* Wed Jul 12 2000 Prospector <bugzilla@redhat.com>
- automatic rebuild

* Sun Jun 18 2000 Jeff Johnson <jbj@redhat.com>
- FHS packaging.
- update to 0.17.

* Fri May 5 2000 Matt Wilson <msw@redhat.com>
- use _BSD_SOURCE for hpa's tftpd so we get BSD signal semantics.

* Fri Feb 11 2000 Bill Nottingham <notting@redhat.com>
- fix description

* Wed Feb 9 2000 Jeff Johnson <jbj@redhat.com>
- compress man pages (again).

* Wed Feb 02 2000 Cristian Gafton <gafton@redhat.com>
- man pages are compressed
- fix description and summary

*
 Tue Jan 4 2000 Bill Nottingham <notting@redhat.com>
- split client and server

* Tue Dec 21 1999 Jeff Johnson <jbj@redhat.com>
- update to 0.16.

* Sat Aug 28 1999 Jeff Johnson <jbj@redhat.com>
- update to 0.15.

* Wed Apr 7 1999 Jeff Johnson <jbj@redhat.com>
- tftpd should truncate file when overwriting (#412)

* Sun Mar 21 1999 Cristian Gafton <gafton@redhat.com>
- auto rebuild in the new build environment (release 22)

* Mon Mar 15 1999 Jeff Johnson <jbj@redhat.com>
- compile for 6.0.

* Fri Aug 7 1998 Jeff Johnson <jbj@redhat.com>
- build root

* Mon Apr 27 1998 Prospector System <bugs@redhat.com>
- translations modified for de, fr, tr

* Mon Sep 22 1997 Erik Troan <ewt@redhat.com>
- added check for getpwnam() failure

* Tue Jul 15 1997 Erik Troan <ewt@redhat.com>
- initial build

Found in path(s):
* /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftp.spec.in
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* /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftpd/recvfrom.c
* /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftpd/recvfrom.h
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Found in path(s):
* /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftp/extern.h
*
 /opt/cola/permits/1108298343_1611281305.28/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/common/tftpsubs.h
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 in path(s):

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1.51 glib 2.64.5

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Version 2.1, February 1999

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1.52 iputils 20200821

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1.53 elfutils 0.180

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1.54 curl 7.72.0

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1.56 util-linux 2.36.0

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NR START   END SECTORS SIZE NAME UUID

1   32 7679   7648 3.7M   8f8378c0-01

2 7680 16383   8704 4.3M   8f8378c0-02

5 7936 12799   4864 2.4M

6 12544 16127   3584 1.8M

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library `Frob' (a library for tweaking knobs) written by James Random Hacker.

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

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1.59 gawk 5.1.0

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distribute the same sections as part of a whole which is a work based
on the Library, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extend to the
entire whole, and thus to each and every part regardless of who wrote
it.

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

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

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

 Once this change is made in a given copy, it is irreversible for
that copy, so the ordinary GNU General Public License applies to all
subsequent copies and derivative works made from that copy.

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

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

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

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

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

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

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

 Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,

whether or not they are linked directly with the Library itself.

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

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

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

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

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

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

 For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the source code distributed need not include anything that is normally
distributed (in either source or binary form) with the major

components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

  It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

  7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

    a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

    b) Give prominent notice with the combined library of the fact that part of it is a work based on the
  Library, and explaining
    where to find the accompanying uncombined form of the same work.

  8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

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If any portion of this section is held invalid or unenforceable under any
particular circumstance, the balance of the section is intended to apply,
and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any
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such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system which is
implemented by public license practices. Many people have made
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 it is up to the author/donor to decide if he or she is willing
to distribute software through any other system and a licensee cannot
impose that choice.

This section is intended to make thoroughly clear what is believed to
be a consequence of the rest of this License.

 12. If the distribution and/or use of the Library is restricted in
certain countries either by patents or by copyrighted interfaces, the
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so that distribution is permitted only in or among countries not thus
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Such new versions will be similar in spirit to the present version,
but may differ in detail to address new problems or concerns.

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 version is given a distinguishing version number. If the Library
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decision will be guided by the two goals of preserving the free status
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    END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

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

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

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    Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston,
    MA 02110-1301, USA

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

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

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

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

That's all there is to it!

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Version 3, 29 June 2007

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 When we speak of free software, we are referring to
 freedom, not
price. Our General Public Licenses are designed to make sure that you
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want it, that you can change the software or use pieces of it in new
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 To protect your rights, we need to prevent others from denying you
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certain responsibilities if you distribute copies of the software, or if
you modify it: responsibilities to respect the freedom of others.

 For example, if you distribute copies of such a program, whether
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freedoms that you received. You must make sure that they, too, receive
or can get the source code. And you must show them these terms so they
know their rights.

 Developers that use the GNU GPL protect your rights with two steps:
(1)
 assert copyright on the software, and (2) offer you this License
giving you legal permission to copy, distribute and/or modify it.

 For the developers' and authors' protection, the GPL clearly explains
that there is no warranty for this free software. For both users' and
authors' sake, the GPL requires that modified versions be marked as
changed, so that their problems will not be attributed erroneously to
authors of previous versions.

Some devices are designed to deny users access to install or run
modified versions of the software inside them, although the manufacturer
can do so. This is fundamentally incompatible with the aim of
protecting users' freedom to change the software. The systematic
pattern of such abuse occurs in the area of products for individuals to
use, which is precisely where it is most unacceptable. Therefore, we
have designed this version of the GPL to prohibit the practice for those
products. If such problems arise substantially in other domains, we
stand
ready to extend this provision to those domains in future versions
of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents.
States should not allow patents to restrict development and use of
software on general-purpose computers, but in those that do, we wish to
avoid the special danger that patents applied to a free program could
make it effectively proprietary. To prevent this, the GPL assures that
patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and
modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of
works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this
License. Each licensee is addressed as "you". "Licensees"
and
"recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work
in a fashion requiring copyright permission, other than the making of an
exact copy. The resulting work is called a "modified version" of the
earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based
on the Program.

To "propagate" a work means to do anything with it that, without
permission, would make you directly or secondarily liable for
infringement under applicable copyright law, except executing it on a

computer or modifying a private copy. Propagation includes copying,
distribution (with or without modification), making available to the
public, and in some countries other activities as well.

 To "convey" a work means any kind of propagation that enables other
parties to make or receive copies. Mere interaction with a user through
a computer network, with no transfer of a copy, is
 not conveying.

 An interactive user interface displays "Appropriate Legal Notices"
to the extent that it includes a convenient and prominently visible
feature that (1) displays an appropriate copyright notice, and (2)
tells the user that there is no warranty for the work (except to the
extent that warranties are provided), that licensees may convey the
work under this License, and how to view a copy of this License. If
the interface presents a list of user commands or options, such as a
menu, a prominent item in the list meets this criterion.

 1. Source Code.

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

 A "Standard Interface" means an interface that either is an official
standard defined by a recognized standards body, or, in the case of
interfaces specified for a particular programming language, one that
is widely used among developers working in that language.

 The
 "System Libraries" of an executable work include anything, other
than the work as a whole, that (a) is included in the normal form of
packaging a Major Component, but which is not part of that Major
Component, and (b) serves only to enable use of the work with that
Major Component, or to implement a Standard Interface for which an
implementation is available to the public in source code form. A
"Major Component", in this context, means a major essential component
(kernel, window system, and so on) of the specific operating system
(if any) on which the executable work runs, or a compiler used to
produce the work, or an object code interpreter used to run it.

 The "Corresponding Source" for a work in object code form means all
the source code needed to generate, install, and (for an executable
work) run the object code and to modify the work, including scripts to
control those activities. However, it does not include the work's
System Libraries, or general-purpose tools or generally
 available free
programs which are used unmodified in performing those activities but

which are not part of the work. For example, Corresponding Source
includes interface definition files associated with source files for
the work, and the source code for shared libraries and dynamically
linked subprograms that the work is specifically designed to require,
such as by intimate data communication or control flow between those
subprograms and other parts of the work.

 The Corresponding Source need not include anything that users
can regenerate automatically from other parts of the Corresponding
Source.

 The Corresponding Source for a work in source code form is that
same work.

 2. Basic Permissions.

 All rights granted under this License are granted for the term of
copyright on the Program, and are irrevocable provided the stated
conditions are met. This License explicitly affirms your unlimited
permission to run the unmodified Program. The output from running a
covered work is covered
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 You may make, run and propagate covered works that you do not
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of having them make modifications exclusively for you, or provide you
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for you must do so exclusively on your behalf, under your direction
and control, on terms that prohibit them from making any copies of
your copyrighted material outside their relationship with you.

 Conveying under any other circumstances is permitted solely under
the conditions stated below. Sublicensing is not allowed;
 section 10
makes it unnecessary.

 3. Protecting Users' Legal Rights From Anti-Circumvention Law.

 No covered work shall be deemed part of an effective technological
measure under any applicable law fulfilling obligations under article
11 of the WIPO copyright treaty adopted on 20 December 1996, or
similar laws prohibiting or restricting circumvention of such
measures.

When you convey a covered work, you waive any legal power to forbid
circumvention of technological measures to the extent such circumvention
is effected by exercising rights under this License with respect to
the covered work, and you disclaim any intention to limit operation or
modification of the work as a means of enforcing, against the work's
users, your or third parties' legal rights to forbid circumvention of
technological measures.

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you
receive it, in any medium, provided that you conspicuously and
appropriately
publish on each copy an appropriate copyright notice;
keep intact all notices stating that this License and any
non-permissive terms added in accord with section 7 apply to the code;
keep intact all notices of the absence of any warranty; and give all
recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey,
and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to
produce it from the Program, in the form of source code under the
terms of section 4, provided that you also meet all of these conditions:

  a) The work must carry prominent notices stating that you modified
  it, and giving a relevant date.

  b) The work must carry prominent notices stating that it is
  released under this License and any conditions added under section
  7. This requirement modifies the requirement in section
4 to
  "keep intact all notices".

  c) You must license the entire work, as a whole, under this
  License to anyone who comes into possession of a copy. This
  License will therefore apply, along with any applicable section 7
  additional terms, to the whole of the work, and all its parts,
  regardless of how they are packaged. This License gives no
  permission to license the work in any other way, but it does not
  invalidate such permission if you have separately received it.

  d) If the work has interactive user interfaces, each must display
  Appropriate Legal Notices; however, if the Program has interactive

interfaces that do not display Appropriate Legal Notices, your
work need not make them do so.

 A compilation of a covered work with other separate and independent
works, which are not by their nature extensions of the covered work,
and which are not combined with it such as to form a larger program,
in or on a volume of a storage or distribution
 medium, is called an
"aggregate" if the compilation and its resulting copyright are not
used to limit the access or legal rights of the compilation's users
beyond what the individual works permit. Inclusion of a covered work
in an aggregate does not cause this License to apply to the other
parts of the aggregate.

 6. Conveying Non-Source Forms.

 You may convey a covered work in object code form under the terms
of sections 4 and 5, provided that you also convey the
machine-readable Corresponding Source under the terms of this License,
in one of these ways:

  a) Convey the object code in, or embodied in, a physical product
  (including a physical distribution medium), accompanied by the
  Corresponding Source fixed on a durable physical medium
  customarily used for software interchange.

  b) Convey the object code in, or embodied in, a physical product
  (including a physical distribution medium), accompanied by a
  written offer, valid for at least three years
and valid for as
  long as you offer spare parts or customer support for that product
  model, to give anyone who possesses the object code either (1) a
  copy of the Corresponding Source for all the software in the
  product that is covered by this License, on a durable physical
  medium customarily used for software interchange, for a price no
  more than your reasonable cost of physically performing this
  conveying of source, or (2) access to copy the
  Corresponding Source from a network server at no charge.

  c) Convey individual copies of the object code with a copy of the
  written offer to provide the Corresponding Source. This
  alternative is allowed only occasionally and noncommercially, and
  only if you received the object code with such an offer, in accord
  with subsection 6b.

  d) Convey the object code by offering access from a designated
  place (gratis or for a charge), and offer equivalent access to the
  Corresponding Source in

the same way through the same place at no

further charge. You need not require recipients to copy the
Corresponding Source along with the object code. If the place to
copy the object code is a network server, the Corresponding Source
may be on a different server (operated by you or a third party)
that supports equivalent copying facilities, provided you maintain
clear directions next to the object code saying where to find the
Corresponding Source. Regardless of what server hosts the
Corresponding Source, you remain obligated to ensure that it is
available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided
you inform other peers where the object code and Corresponding
Source of the work are being offered to the general public at no
charge under subsection 6d.

A separable portion of the object code, whose source code is excluded
from the Corresponding Source
as a System Library, need not be
included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any
tangible personal property which is normally used for personal, family,
or household purposes, or (2) anything designed or sold for incorporation
into a dwelling. In determining whether a product is a consumer product,
doubtful cases shall be resolved in favor of coverage. For a particular
product received by a particular user, "normally used" refers to a
typical or common use of that class of product, regardless of the status
of the particular user or of the way in which the particular user
actually uses, or expects or is expected to use, the product. A product
is a consumer product regardless of whether the product has substantial
commercial, industrial or non-consumer uses, unless such uses represent
the only significant mode of use of the product.

"Installation Information" for a User Product means any methods,
procedures, authorization
keys, or other information required to install
and execute modified versions of a covered work in that User Product from
a modified version of its Corresponding Source. The information must
suffice to ensure that the continued functioning of the modified object
code is in no case prevented or interfered with solely because
modification has been made.

If you convey an object code work under this section in, or with, or
specifically for use in, a User Product, and the conveying occurs as
part of a transaction in which the right of possession and use of the
User Product is transferred to the recipient in perpetuity or for a
fixed term (regardless of how the transaction is characterized), the

Corresponding Source conveyed under this section must be accompanied
by the Installation Information. But this requirement does not apply
if neither you nor any third party retains the ability to install
modified object code on the User Product (for example, the work has
been installed in
 ROM).

 The requirement to provide Installation Information does not include a
requirement to continue to provide support service, warranty, or updates
for a work that has been modified or installed by the recipient, or for
the User Product in which it has been modified or installed. Access to a
network may be denied when the modification itself materially and
adversely affects the operation of the network or violates the rules and
protocols for communication across the network.

 Corresponding Source conveyed, and Installation Information provided,
in accord with this section must be in a format that is publicly
documented (and with an implementation available to the public in
source code form), and must require no special password or key for
unpacking, reading or copying.

 7. Additional Terms.

 "Additional permissions" are terms that supplement the terms of this
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 entire Program shall
be treated as though they were included in this License, to the extent
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trade names, trademarks, or service marks; or

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1.60 pcre 8.44

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1.61 rsync 3.2.3

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conveying of source, or (2) access to copy the
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c) Convey individual copies of the object code with a copy of the
written offer to provide the Corresponding Source. This
alternative is allowed only occasionally and noncommercially, and
only if you received the object code with such an offer, in accord
with subsection 6b.

d) Convey the object code by offering access from a designated

place (gratis or for a charge), and offer equivalent access to the
Corresponding Source in
the same way through the same place at no
further charge. You need not require recipients to copy the
Corresponding Source along with the object code. If the place to
copy the object code is a network server, the Corresponding Source
may be on a different server (operated by you or a third party)
that supports equivalent copying facilities, provided you maintain
clear directions next to the object code saying where to find the
Corresponding Source. Regardless of what server hosts the
Corresponding Source, you remain obligated to ensure that it is
available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided
you inform other peers where the object code and Corresponding
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IN THE SOFTWARE.

1.63 iproute 5.9.0-1.el8

1.63.1 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
```

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

*

*--

* 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/lfafrr_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 perryl Exp $
* $Source: /release/112/cvs/Xsys/iprouting/cfg_router_distribute.h,v $

```
*----------------------------------------------------------------
* C F G _ R O U T E R _ D I S T R I B U T E . 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: /swtal/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.regh"

# 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
# symboles 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_cmn

# 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_cmn

#
 ---- WORSPACE 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
* - 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 3.3 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 $
*----------------------------------------------------------------
* E X E C _ S H O W _ P R O T O C O L S . 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://wwwin-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. Subsytem 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

```
/* $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

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

```
/* $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

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

* protofltr_public.h
*
* Routing protocol filter manager Public API definitions
*
* Dec 2008, Mercia Zheng
*

*---
*/

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
*
*---
* $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
##
Copyright (c) 2010-2011, 2016 by cisco Systems, Inc.
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/lfafrr_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: /swtal/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
*
```

*--
* $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/lfafrr_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.

```
/*
*----------------------------------------------------------------
* C F G _ R O U T E R _ T O P O _ R E D I S T R I B U T E . 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 subsytems 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 $

*--

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


/* $Id$
* $Source$
*-----------------------------------------------------------
* lfafrr_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/lfafrr_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
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```
/* $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.
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*----------------------------------------------------------------
* $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.
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*--
* 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.
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*--

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

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

Found in path(s):
* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/protofltr_debug_flags_ion.h
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```
/*
*-----------------------------------------------------------------
* 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.
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*----------------------------------------------------------------
*/
```

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.
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```

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

Found in path(s):

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

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```
/* $Id$
* $Source$
*-----------------------------------------------------------
* C F G _ R O U T E R _ O U T P U T - D E L A Y . 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

1.64 libsemanage-common 2.9-4.el8

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1.65 selinux 2.9-5.el8

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its purpose remains meaningful.

(For example, a function in a library to compute square roots has
a purpose that is entirely well-defined independent of the
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Section 6 states terms for distribution of such executables.

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That's all there is to it!

1.68 bridgeutils 1.7.1

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

5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
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therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the

library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
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derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
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If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small
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functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

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

6. As an exception to the Sections above, you may also compile or
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of these things:

  a) Accompany the work with the complete corresponding
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  changes were used in the work (which must be distributed under
  Sections 1 and 2 above); and, if the work is an executable linked
  with the Library, with the complete machine-readable "work that
  uses the Library", as object code and/or source code, so that the
  user can modify the Library and then relink to produce a modified
  executable containing the modified Library. (It is understood
  that the user who changes the contents of definitions files in the

Library will not necessarily be able to recompile the application
 to use the modified definitions.)

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  specified in Subsection 6a, above, for a charge no more
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 For an executable, the required form of the "work that uses the
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1.71 pam 1.3.1-14.el8

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1.72 shadow 4.8.1

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1.73 util-linux 2.36

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```
NR START   END SECTORS SIZE NAME UUID
1    32  7679    7648 3.7M      8f8378c0-01
2  7680 16383    8704 4.3M      8f8378c0-02
5  7936 12799    4864 2.4M
6 12544 16127    3584 1.8M
```

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(This file is under construction.)   -*- text -*-

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

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+++++++++++++++++

Dean Elsner wrote the original gas for vax. [more details?]

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

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

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

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

The Intel 80386 machine description was written by Eliot Dresselhaus.

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

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

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

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors
(tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format
(obj-ieee), was written by Steve Chamberlain of Cygnus Solutions.
Steve also modified the COFF back end (obj-coffbfd) to use BFD for
some low-level operations, for use with the Hitachi, 29k and Zilog
targets.

John Gilmore built the AMD 29000 support, added .include support, and
simplified the configuration of which versions accept which
pseudo-ops. He updated the 68k machine description so that Motorola's
opcodes always produced fixed-size instructions (e.g. jsr), while
synthetic instructions remained shrinkable (jbsr). John fixed many
bugs, including true tested cross-compilation support, and one bug in
relaxation
 that took a week and required the proverbial one-bit fix.

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

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

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

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

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

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

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

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

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

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

Alan Modra reworked much of the i386 backend, improving the error
checking, updating the code, and improving the 16 bit support, using
patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If
you've contributed significant work and are not mentioned on this list, and
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you have the freedom to distribute copies of free software (and charge
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it if you want it; that you can change the software and use pieces of
it in new free programs; and that you are informed that you can do
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 To protect your rights, we need to make restrictions that forbid
distributors to deny you these rights or to ask you to surrender these
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or for a fee, you must give the
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complete object files to the recipients, so that they can relink them
with the library after making changes to the library and recompiling
it. And you must show them these terms so they know their rights.

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

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

 Finally, software patents pose a constant threat to the existence
of
any free program. We wish to make sure that a company cannot

effectively restrict the users of a free program by obtaining a
restrictive license from a patent holder. Therefore, we insist that
any patent license obtained for a version of the library must be
consistent with the full freedom of use specified in this license.

 Most GNU software, including some libraries, is covered by the
ordinary GNU General Public License. This license, the GNU Lesser
General Public License, applies to certain designated libraries, and
is quite different from the ordinary General Public License. We use
this license for certain libraries in order to permit linking those
libraries into non-free programs.

 When a program is linked with a library, whether statically or using
a shared library, the combination of the two is legally speaking a
combined work, a derivative of the original library. The ordinary
General Public License therefore permits such linking only if the
entire combination
 fits its criteria of freedom. The Lesser General
Public License permits more lax criteria for linking other code with
the library.

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

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

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

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

that program using a modified version of the Library.

 The precise terms and conditions for copying, distribution and
modification follow. Pay close attention to the difference between a
"work based on the library" and a "work that uses the library". The
former contains code derived from the library, whereas the latter must
be combined with the library in order to run.

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other authorized party saying it may be distributed under the terms of
this Lesser General Public License (also called "this License").
Each licensee is addressed as "you".

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

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

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

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

 1. You may copy and distribute verbatim copies of the Library's
complete source code as you receive it, in any medium, provided that
you conspicuously and appropriately publish

on each copy an
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all the notices that refer to this License and to the absence of any
warranty; and distribute a copy of this License along with the
Library.

 You may charge a fee for the physical act of transferring a copy,
and you may at your option offer warranty protection in exchange for a
fee.

 2. You may modify your copy or copies of the Library or any portion
of it, thus forming a work based on the Library, and copy and
distribute such modifications or work under the terms of Section 1
above, provided that you also meet all of these conditions:

  a) The modified work must itself be a software library.

  b) You must cause the files modified to carry prominent notices
  stating that you changed the files and the date of any change.

  c) You must cause the whole of the work to be licensed at no
  charge to all third parties under the terms of this License.

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

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

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

entire whole, and thus to each and every part regardless of who wrote
it.

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

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

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

 Once this change is made in a given copy, it is irreversible for
that copy, so the ordinary GNU General Public License applies to all
subsequent copies and derivative works made from that copy.

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

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

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

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

therefore falls outside the scope of this License.

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

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

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

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

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

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

  a) Accompany the work with the complete corresponding
   machine-readable
 source code for the Library including whatever
   changes were used in the work (which must be distributed under

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

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

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

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

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

For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that is
normally distributed (in either source or binary form) with
 the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.

It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
distribute.

7. You may place library facilities that are a work based on the
Library side-by-side in a single library together with other library

facilities not covered by this License, and distribute such a combined
library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:

  a) Accompany the combined library with a copy of the same work
  based on the Library, uncombined with any other library
  facilities. This must be distributed
 under the terms of the
  Sections above.

  b) Give prominent notice with the combined library of the fact
  that part of it is a work based on the Library, and explaining
  where to find the accompanying uncombined form of the same work.

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ordinary General Public License).

 To apply these terms, attach the following notices to the library. It is
safest to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least the

"copyright" line
and a pointer to where the full notice is found.

    <one line to give the library's name and a brief idea of what it does.>
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Also add information on how to contact you by electronic and paper mail.

You
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 library `Frob' (a library for tweaking knobs) written by James Random Hacker.

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 Ty Coon, President of Vice

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[This is the first released version of the library GPL. It is
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    Preamble

 The licenses for most software are designed to take away your

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Licenses are intended to guarantee your freedom to share and change
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your libraries, too.

 When we speak of free software, we are referring to freedom,
 not
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have the freedom to distribute copies of free software (and charge for
this service if you wish), that you receive source code or can get it
if you want it, that you can change the software or use pieces of it
in new free programs; and that you know you can do these things.

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

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

 Our method of protecting your rights has two steps: (1) copyright
the library, and (2) offer you this license which gives you legal
permission to copy, distribute and/or modify the library.

 Also, for each distributor's protection, we want to make certain
that everyone understands that there is no warranty for this free
library. If the library is modified by someone else and passed on, we
want its recipients to know that what they have is not the original
version, so that any problems introduced by others will not reflect on
the original authors' reputations.

 Finally, any free program is threatened constantly by software
patents. We wish to avoid the danger that companies distributing free
software will individually obtain patent licenses, thus in effect
transforming the program into proprietary software. To prevent this,
we have made it clear that any patent must be licensed

for everyone's
free use or not licensed at all.

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

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

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

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

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

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

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General Public License (also called "this License"). Each licensee is
addressed as "you".

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

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

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

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

1. You may copy and distribute verbatim copies of the Library's
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You may charge a fee for the physical act of transferring a copy,
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fee.

2. You may modify your copy or copies of the Library or any portion
of it, thus forming a work based on the Library, and copy and

distribute such modifications or work under the terms of Section 1
above, provided that you also meet all of these conditions:

  a) The modified work must
itself be a software library.

  b) You must cause the files modified to carry prominent notices
  stating that you changed the files and the date of any change.

  c) You must cause the whole of the work to be licensed at no
  charge to all third parties under the terms of this License.

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

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

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

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

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

the scope of this License.

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

 Once this change is made in a given copy, it is irreversible for
that copy, so the ordinary GNU General Public License applies to all
subsequent copies and derivative works made from that copy.

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

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

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

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

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

 When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.

Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

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

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

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

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

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

  b) Accompany the
work with a written offer, valid for at
  least three years, to give the same user the materials

specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.

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

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

 For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the source code distributed need not include anything that is normally
distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.

  It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
distribute.

 7. You may place library facilities that are a work based on the
Library side-by-side in a single library together with other library
facilities not covered by this License, and distribute such a combined
library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:

  a) Accompany the combined library with a copy of the same work
  based on the Library, uncombined with any other library
  facilities. This must be distributed under the terms of the
  Sections above.

  b) Give prominent notice with the combined library of the fact
  that part of it is a work based on the
Library, and explaining
  where to find the accompanying uncombined form of the same work.

 8. You may not copy, modify, sublicense, link with, or distribute
the Library except as expressly provided under this License. Any
attempt otherwise to copy, modify, sublicense, link with, or
distribute the Library is void, and will automatically terminate your
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If any portion of this section is held invalid or unenforceable under any
particular circumstance, the balance of the section is intended to apply,
and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any
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such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system which is
implemented by public license practices. Many people have made
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 it is up to the author/donor to decide if he or she is willing
to distribute software through any other system and a licensee cannot

impose that choice.

This section is intended to make thoroughly clear what is believed to
be a consequence of the rest of this License.

 12. If the distribution and/or use of the Library is restricted in
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but may differ in detail to address new problems or concerns.

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 version is given a distinguishing version number. If the Library
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the Free Software Foundation.

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decision will be guided by the two goals of preserving the free status
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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

 If you develop a new library, and you want it to be of the greatest
possible use to the public, we recommend making it free software that
everyone can redistribute and change. You can do so by permitting
redistribution under these terms (or, alternatively, under the terms of the
ordinary General Public License).

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

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

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  MA 02110-1301, USA

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

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

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

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

That's all there is to it!

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                      Version 3, 29 June 2007

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 When we speak of free software, we are referring to
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 To protect your rights, we need to prevent others from denying you
these rights or asking you to surrender the rights. Therefore, you have
certain responsibilities if you distribute copies of the software, or if
you modify it: responsibilities to respect the freedom of others.

 For example, if you distribute copies of such a program, whether

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freedoms that you received. You must make sure that they, too, receive
or can get the source code. And you must show them these terms so they
know their rights.

 Developers that use the GNU GPL protect your rights with two steps:
(1)
 assert copyright on the software, and (2) offer you this License
giving you legal permission to copy, distribute and/or modify it.

 For the developers' and authors' protection, the GPL clearly explains
that there is no warranty for this free software. For both users' and
authors' sake, the GPL requires that modified versions be marked as
changed, so that their problems will not be attributed erroneously to
authors of previous versions.

 Some devices are designed to deny users access to install or run
modified versions of the software inside them, although the manufacturer
can do so. This is fundamentally incompatible with the aim of
protecting users' freedom to change the software. The systematic
pattern of such abuse occurs in the area of products for individuals to
use, which is precisely where it is most unacceptable. Therefore, we
have designed this version of the GPL to prohibit the practice for those
products. If such problems arise substantially in other domains, we
stand
 ready to extend this provision to those domains in future versions
of the GPL, as needed to protect the freedom of users.

 Finally, every program is threatened constantly by software patents.
States should not allow patents to restrict development and use of
software on general-purpose computers, but in those that do, we wish to
avoid the special danger that patents applied to a free program could
make it effectively proprietary. To prevent this, the GPL assures that
patents cannot be used to render the program non-free.

 The precise terms and conditions for copying, distribution and
modification follow.

TERMS AND CONDITIONS

 0. Definitions.

 "This License" refers to version 3 of the GNU General Public License.

 "Copyright" also means copyright-like laws that apply to other kinds of
works, such as semiconductor masks.

 "The Program" refers to any copyrightable work licensed under this

License. Each licensee is addressed as "you". "Licensees"
and
"recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work
in a fashion requiring copyright permission, other than the making of an
exact copy. The resulting work is called a "modified version" of the
earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based
on the Program.

To "propagate" a work means to do anything with it that, without
permission, would make you directly or secondarily liable for
infringement under applicable copyright law, except executing it on a
computer or modifying a private copy. Propagation includes copying,
distribution (with or without modification), making available to the
public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other
parties to make or receive copies. Mere interaction with a user through
a computer network, with no transfer of a copy, is
not conveying.

An interactive user interface displays "Appropriate Legal Notices"
to the extent that it includes a convenient and prominently visible
feature that (1) displays an appropriate copyright notice, and (2)
tells the user that there is no warranty for the work (except to the
extent that warranties are provided), that licensees may convey the
work under this License, and how to view a copy of this License. If
the interface presents a list of user commands or options, such as a
menu, a prominent item in the list meets this criterion.

1. Source Code.

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

A "Standard Interface" means an interface that either is an official
standard defined by a recognized standards body, or, in the case of
interfaces specified for a particular programming language, one that
is widely used among developers working in that language.

The
"System Libraries" of an executable work include anything, other
than the work as a whole, that (a) is included in the normal form of
packaging a Major Component, but which is not part of that Major

Component, and (b) serves only to enable use of the work with that
Major Component, or to implement a Standard Interface for which an
implementation is available to the public in source code form. A
"Major Component", in this context, means a major essential component
(kernel, window system, and so on) of the specific operating system
(if any) on which the executable work runs, or a compiler used to
produce the work, or an object code interpreter used to run it.

 The "Corresponding Source" for a work in object code form means all
the source code needed to generate, install, and (for an executable
work) run the object code and to modify the work, including scripts to
control those activities. However, it does not include the work's
System Libraries, or general-purpose tools or generally
 available free
programs which are used unmodified in performing those activities but
which are not part of the work. For example, Corresponding Source
includes interface definition files associated with source files for
the work, and the source code for shared libraries and dynamically
linked subprograms that the work is specifically designed to require,
such as by intimate data communication or control flow between those
subprograms and other parts of the work.

 The Corresponding Source need not include anything that users
can regenerate automatically from other parts of the Corresponding
Source.

 The Corresponding Source for a work in source code form is that
same work.

 2. Basic Permissions.

 All rights granted under this License are granted for the term of
copyright on the Program, and are irrevocable provided the stated
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covered work is covered
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 You may make, run and propagate covered works that you do not
convey, without conditions so long as your license otherwise remains
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your copyrighted material outside their relationship with you.

 Conveying under any other circumstances is permitted solely under
the conditions stated below. Sublicensing is not allowed;
 section 10
makes it unnecessary.

 3. Protecting Users' Legal Rights From Anti-Circumvention Law.

 No covered work shall be deemed part of an effective technological
measure under any applicable law fulfilling obligations under article
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similar laws prohibiting or restricting circumvention of such
measures.

 When you convey a covered work, you waive any legal power to forbid
circumvention of technological measures to the extent such circumvention
is effected by exercising rights under this License with respect to
the covered work, and you disclaim any intention to limit operation or
modification of the work as a means of enforcing, against the work's
users, your or third parties' legal rights to forbid circumvention of
technological measures.

 4. Conveying Verbatim Copies.

 You may convey verbatim copies of the Program's source code as you
receive it, in any medium, provided that you conspicuously and
appropriately
 publish on each copy an appropriate copyright notice;
keep intact all notices stating that this License and any
non-permissive terms added in accord with section 7 apply to the code;
keep intact all notices of the absence of any warranty; and give all
recipients a copy of this License along with the Program.

 You may charge any price or no price for each copy that you convey,
and you may offer support or warranty protection for a fee.

 5. Conveying Modified Source Versions.

 You may convey a work based on the Program, or the modifications to
produce it from the Program, in the form of source code under the
terms of section 4, provided that you also meet all of these conditions:

  a) The work must carry prominent notices stating that you modified
  it, and giving a relevant date.

  b) The work must carry prominent notices stating that it is

released under this License and any conditions added under section
7. This requirement modifies the requirement in section
4 to
"keep intact all notices".

c) You must license the entire work, as a whole, under this
License to anyone who comes into possession of a copy. This
License will therefore apply, along with any applicable section 7
additional terms, to the whole of the work, and all its parts,
regardless of how they are packaged. This License gives no
permission to license the work in any other way, but it does not
invalidate such permission if you have separately received it.

d) If the work has interactive user interfaces, each must display
Appropriate Legal Notices; however, if the Program has interactive
interfaces that do not display Appropriate Legal Notices, your
work need not make them do so.

 A compilation of a covered work with other separate and independent
works, which are not by their nature extensions of the covered work,
and which are not combined with it such as to form a larger program,
in or on a volume of a storage or distribution
 medium, is called an
"aggregate" if the compilation and its resulting copyright are not
used to limit the access or legal rights of the compilation's users
beyond what the individual works permit. Inclusion of a covered work
in an aggregate does not cause this License to apply to the other
parts of the aggregate.

 6. Conveying Non-Source Forms.

 You may convey a covered work in object code form under the terms
of sections 4 and 5, provided that you also convey the
machine-readable Corresponding Source under the terms of this License,
in one of these ways:

a) Convey the object code in, or embodied in, a physical product
(including a physical distribution medium), accompanied by the
Corresponding Source fixed on a durable physical medium
customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product
(including a physical distribution medium), accompanied by a
written offer, valid for at least three years
and valid for as
long as you offer spare parts or customer support for that product
model, to give anyone who possesses the object code either (1) a
copy of the Corresponding Source for all the software in the

product that is covered by this License, on a durable physical
medium customarily used for software interchange, for a price no
more than your reasonable cost of physically performing this
conveying of source, or (2) access to copy the
Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the
written offer to provide the Corresponding Source. This
alternative is allowed only occasionally and noncommercially, and
only if you received the object code with such an offer, in accord
with subsection 6b.

d) Convey the object code by offering access from a designated
place (gratis or for a charge), and offer equivalent access to the
Corresponding Source in
the same way through the same place at no
further charge. You need not require recipients to copy the
Corresponding Source along with the object code. If the place to
copy the object code is a network server, the Corresponding Source
may be on a different server (operated by you or a third party)
that supports equivalent copying facilities, provided you maintain
clear directions next to the object code saying where to find the
Corresponding Source. Regardless of what server hosts the
Corresponding Source, you remain obligated to ensure that it is
available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided
you inform other peers where the object code and Corresponding
Source of the work are being offered to the general public at no
charge under subsection 6d.

A separable portion of the object code, whose source code is excluded
from the Corresponding Source
as a System Library, need not be
included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any
tangible personal property which is normally used for personal, family,
or household purposes, or (2) anything designed or sold for incorporation
into a dwelling. In determining whether a product is a consumer product,
doubtful cases shall be resolved in favor of coverage. For a particular
product received by a particular user, "normally used" refers to a
typical or common use of that class of product, regardless of the status
of the particular user or of the way in which the particular user
actually uses, or expects or is expected to use, the product. A product
is a consumer product regardless of whether the product has substantial
commercial, industrial or non-consumer uses, unless such uses represent
the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization
 keys, or other information required to install
and execute modified versions of a covered work in that User Product from
a modified version of its Corresponding Source. The information must
suffice to ensure that the continued functioning of the modified object
code is in no case prevented or interfered with solely because
modification has been made.

 If you convey an object code work under this section in, or with, or
specifically for use in, a User Product, and the conveying occurs as
part of a transaction in which the right of possession and use of the
User Product is transferred to the recipient in perpetuity or for a
fixed term (regardless of how the transaction is characterized), the
Corresponding Source conveyed under this section must be accompanied
by the Installation Information. But this requirement does not apply
if neither you nor any third party retains the ability to install
modified object code on the User Product (for example, the work has
been installed in
 ROM).

 The requirement to provide Installation Information does not include a
requirement to continue to provide support service, warranty, or updates
for a work that has been modified or installed by the recipient, or for
the User Product in which it has been modified or installed. Access to a
network may be denied when the modification itself materially and
adversely affects the operation of the network or violates the rules and
protocols for communication across the network.

 Corresponding Source conveyed, and Installation Information provided,
in accord with this section must be in a format that is publicly
documented (and with an implementation available to the public in
source code form), and must require no special password or key for
unpacking, reading or copying.

 7. Additional Terms.

 "Additional permissions" are terms that supplement the terms of this
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 entire Program shall
be treated as though they were included in this License, to the extent
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 You may convey a covered work in object code form under the terms
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machine-readable Corresponding Source under the terms of this License,
in one of these ways:

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  (including a physical distribution medium), accompanied by the
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  (including a physical distribution medium), accompanied by a
  written offer, valid for at least three years and valid for as
  long as you offer spare parts or customer
support for that product
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medium customarily used for software interchange, for a price no
more than your reasonable cost of physically performing this
conveying of source, or (2) access to copy the
Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the
written offer to provide the Corresponding Source. This
alternative is allowed only occasionally and noncommercially, and
only if you received the object code with such an offer, in accord
with subsection 6b.

d) Convey the object code by offering access from a designated
place (gratis or for a charge), and offer equivalent access to the
Corresponding Source in the same way through the same place at no
further charge.
You need not require recipients to copy the
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copy the object code is a network server, the Corresponding Source
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suffice to ensure that the continued functioning of the modified object
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Thus, it is not the intent of this section to claim rights or contest
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subsequent copies and derivative works made from that copy.

 This option is useful when you wish to copy part of the code of

the Library into a program that is not a library.

 4. You may copy and distribute the Library (or a portion or
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it with the complete corresponding machine-readable source code, which
must be distributed
 under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

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

 5. A program that contains no derivative of any portion of the
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work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

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

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

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

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

6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
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directing the user to the copy of this License. Also, you must do one
of these things:

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

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

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  least three years, to give the same user the materials
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components (compiler, kernel, and so on) of the operating system on
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  a purpose that is entirely well-defined independent of the
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medium customarily used for software interchange.

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

5. A program that contains no derivative of any portion of the
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work, in isolation, is not a derivative work of the Library, and
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that is part of the Library, the object code for the work may be a
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 If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

 Otherwise, if the work is a derivative of the Library, you may
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 the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.
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machine-readable source code for the Library including whatever
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with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
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the user installs one, as long as the modified version is
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  d) If a facility in the modified Library refers to a function or a
  table of data to be supplied by an application program that uses
  the facility, other than as an argument passed when the facility
  is invoked, then you must make a good faith effort to ensure that,
  in the event an application does not supply such function or
  table, the facility still operates, and performs whatever part of
  its purpose remains meaningful.

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

root function must still compute square roots.)

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 This option is useful when you wish to copy part of the code of
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 machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
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 5. A program that contains no derivative of any portion of the
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therefore falls outside the scope of this License.

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

 When a "work that uses the Library" uses material from a header file
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Whether this is true is especially significant if the work can be
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threshold for this to be true is not precisely defined by law.

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

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

 6. As an exception to the Sections above, you may also combine or
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engineering for debugging such modifications.

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   a) Accompany
 the work with the complete corresponding
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   changes were used in the work (which must be distributed under
   Sections 1 and 2 above); and, if the work is an executable linked
   with the Library, with the complete machine-readable "work that
   uses the Library", as object code and/or source code, so that the
   user can modify the Library and then relink to produce a modified
   executable containing the modified Library. (It is understood
   that the user who changes the contents of definitions files in the
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   to use the modified definitions.)

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

   c) Accompany the work with a written offer, valid for at
   least three years, to give the same user the materials
   specified in Subsection 6a, above, for a charge no more
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 For an executable, the required form of the "work that uses the
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1.79 yajl 2.0

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1.80 libnsl 2.0.0

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1.81 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
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*/

1.82 openssl 1.1.1l
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* by Eric Young (eay@cryptsoft.com).
* The implementation was written so as to conform with Netscapes SSL.
*
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/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
*
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
*
*   Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*

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

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1.88 less 4.1.3

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* Less - Leaner CSS v4.1.3
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*** */

Found in path(s):
* /opt/cola/permits/1550489314_1675273249.1374285/0/less-4-1-3-2-tgz/package/dist/less.js
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{"version":3,"file":"less.min.js","sources":["../src/less-browser/utils.js","../src/less-browser/browser.js","../src/less/logger.js","../src/less/environment/environment.js","../src/less/data/colors.js","../src/less/data/unit-conversions.js","../src/less/data/index.js","../src/less/tree/node.js","../src/less/tree/color.js","../src/less/tree/paren.js","../src/less/tree/combinator.js","../src/less/tree/element.js","../src/less/constants.js","../node_modules/is-what/dist/index.esm.js","../node_modules/copy-anything/dist/index.esm.js","../src/less/utils.js","../src/less/less-error.js","../src/less/tree/selector.js","../src/less/tree/value.js","../src/less/tree/keyword.js","../src/less/tree/anonymous.js","../src/less/tree/declaration.js","../src/less/tree/debug-info.js","../src/less/tree/comment.js","../src/less/contexts.js","../src/less/functions/function-registry.js","../src/less/functions/default.js","../src/less/tree/ruleset.js","../src/less/tree/atrule.js","../src/less/tree/detached-ruleset.js","../src/less/tree/unit.js","../src/less/tree/dimension.js","../src/less/tree/operation.js","../src/less/tree/expression.js","../src/less/functions/function-caller.js","../node_modules/tslib/tslib.es6.js","../src/less/tree/call.js","../src/less/tree/variable.js","../src/less/tree/property.js","../src/less/tree/attribute.js","../src/less/tree/quoted.js","../src/less/tree/url.js","../src/less/tree/media.js","../src/less/tree/import.js","../src/less/tree/js-eval-node.js","../src/less/tree/javascript.js","../src/less/tree/assignment.js","../src/less/tree/condition.js","../src/less/tree/unicode-descriptor.js","../src/less/tree/negative.js","../src/less/tree/extend.js","../src/less/tree/variable-call.js","../src/less/tree/namespace-value.js","../src/less/tree/mixin-definition.js","../src/less/tree/mixin-call.js","../src/less/tree/index.js","../src/less/environment/abstract-file-manager.js","../src/less/environment/abstract-plugin-loader.js","../src/less/visitors/visitor.js","../src/less/visitors/import-sequencer.js","../src/less/visitors/import-visitor.js","../src/less/visitors/set-tree-visibility-visitor.js","../src/less/visitors/extend-visitor.js","../src/less/visitors/join-selector-visitor.js","../src/less/visitors/to-css-visitor.js","../src/less/visitors/index.js","../src/less/parser/parser-input.js","../src/less/parser/chunker.js","../src/less/parser/parser.js","../src/less/functions/boolean.js","../src/less/functions/color.js","../src/less/functions/color-blending.js","../src/less/functions/list.js","../src/less/functions/math-helper.js","../src/less/functions/math.js","../src/less/functions/number.js","../src/less/functions/string.js","../src/less/functions/types.js","../src/less/functions/index.js","../src/less/functions/data-uri.js","../src/less/functions/svg.js","../src/less/transform-tree.js","../src/less/plugin-manager.js","../node_modules/parse-node-version/index.js","../src/less-browser/file-manager.js","../src/less/index.js","../src/less/parse-tree.js","../src/less/source-map-builder.js","../src/less/source-map-output.js","../src/less/import-manager.js","../src/less/render.js","../src/less/parse.js","../src/less-browser/plugin-

loader.js","../src/less-browser/error-reporting.js","../src/less-browser/bootstrap.js","../src/less/default-options.js","../src/less-browser/add-default-options.js","../src/less-browser/index.js","../src/less-browser/log-listener.js","../src/less-browser/cache.js","../src/less-browser/image-size.js"],"sourcesContent":["\nexport function extractId(href) {\n   return href.replace(/^[a-z-]+:\\/\\+?[^\\/]+/, '') // Remove protocol & domain\n   .replace(/[\\?\\&]livereload=\\w+/, '')   // Remove LiveReload cachebuster\n   .replace(/^\\//, '')   // Remove root /\n   .replace(/\\.[a-zA-Z]+$/, '')   // Remove simple extension\n   .replace(/[^\\.\\w-]+/g, '-')   // Replace illegal characters\n   .replace(/\\./g, ':');   // Replace dots with colons(for valid id)\n}\n\nexport function addDataAttr(options, tag) {\n   if (!tag) {return;} // in case of tag is null or undefined\n   for (const opt in tag.dataset) {\n   if (tag.dataset.hasOwnProperty(opt)) {\n   if (opt === 'env' || opt === 'dumpLineNumbers' || opt === 'rootpath' || opt === 'errorReporting') {\n   options[opt] = tag.dataset[opt];\n   } else {\n   try {\n   options[opt] = JSON.parse(tag.dataset[opt]);\n   } catch (_) {}\n   }\n   }\n   }\n}\n","import * as utils from './utils';\n\nexport default {\n   createCSS: function (document, styles, sheet) {\n   // Strip the query-string\n   const href = sheet.href || '';\n\n   // If there is no title set, use the filename, minus the extension\n   const id = `less:${sheet.title || utils.extractId(href)}`;\n\n   // If this has already been inserted into the DOM, we may need to replace it\n   const oldStyleNode = document.getElementById(id);\n   let keepOldStyleNode = false;\n\n   // Create a new stylesheet node for insertion or (if necessary) replacement\n   const styleNode = document.createElement('style');\n   styleNode.setAttribute('type', 'text/css');\n   if (sheet.media) {\n   styleNode.setAttribute('media', sheet.media);\n   }\n   styleNode.id = id;\n   if (!styleNode.styleSheet) {\n   styleNode.appendChild(document.createTextNode(styles));\n\n   // If new contents match contents of oldStyleNode, don't replace oldStyleNode\n   keepOldStyleNode = (oldStyleNode !== null && oldStyleNode.childNodes.length > 0 && styleNode.childNodes.length > 0 &&\n   oldStyleNode.firstChild.nodeValue === styleNode.firstChild.nodeValue);\n   }\n\n   const head = document.getElementsByTagName('head')[0];\n\n   // If there is no oldStyleNode, just append; otherwise, only append if we need\n   // to replace oldStyleNode with an updated stylesheet\n   if (oldStyleNode === null || keepOldStyleNode === false) {\n   const nextEl = sheet && sheet.nextSibling || null;\n   if (nextEl) {\n   nextEl.parentNode.insertBefore(styleNode, nextEl);\n   } else {\n   head.appendChild(styleNode);\n   }\n   }\n   if (oldStyleNode && keepOldStyleNode === false) {\n   oldStyleNode.parentNode.removeChild(oldStyleNode);\n   }\n\n   // For IE.\n   // This needs to happen *after* the style element is added to the DOM, otherwise IE 7 and 8 may crash.\n   // See http://social.msdn.microsoft.com/Forums/en-US/7e081b65-878a-4c22-8e68-c10d39c2ed32/internet-explorer-crashes-appending-style-element-to-head\n   if (styleNode.styleSheet) {\n   try {\n   styleNode.styleSheet.cssText = styles;\n   } catch (e) {\n   throw new Error('Couldn\\'t reassign styleSheet.cssText.');\n   }\n   }\n   },\n   currentScript: function(window) {\n   const document = window.document;\n   return document.currentScript || (() => {\n   const scripts = document.getElementsByTagName('script');\n   return scripts[scripts.length - 1];\n   })();\n   }\n};\n","export default {\n   error: function(msg) {\n   this._fireEvent('error', msg);\n   },\n   warn: function(msg) {\n   this._fireEvent('warn', msg);\n   },\n   info: function(msg) {\n   this._fireEvent('info', msg);\n   },\n   debug: function(msg) {\n   this._fireEvent('debug', msg);\n   },\n   addListener: function(listener) {\n   this._listeners.push(listener);\n   },\n   removeListener: function(listener) {\n   for (let i = 0; i < this._listeners.length; i++) {\n   if (this._listeners[i] === listener) {\n   this._listeners.splice(i, 1);\n   return;\n   }\n   }\n   },\n   _fireEvent: function(type, msg) {\n   for (let i = 0; i < this._listeners.length; i++) {\n   const logFunction = this._listeners[i][type];\n   if (logFunction) {\n   logFunction(msg);\n   }\n   }\n   },\n   _listeners: []\n};\n","/**\n * @todo Document why this abstraction exists, and the relationship between\n *   environment, file managers, and plugin manager\n */\n\nimport logger from '../logger';\n\nclass Environment {\n   constructor(externalEnvironment, fileManagers) {\n   this.fileManagers = fileManagers || [];\n   externalEnvironment = externalEnvironment ||

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};\n\n        const optionalFunctions = ['encodeBase64', 'mimeLookup', 'charsetLookup',
'getSourceMapGenerator'];\n       const requiredFunctions = [];\n       const functions =
requiredFunctions.concat(optionalFunctions);\n\n        for (let
 i = 0; i < functions.length; i++) {\n           const propName = functions[i];\n         const environmentFunc =
externalEnvironment[propName];\n         if (environmentFunc) {\n           this[propName] =
environmentFunc.bind(externalEnvironment);\n         } else if (i < requiredFunctions.length) {\n
this.warn(`missing required function in environment - ${propName}`);\n         }\n      }\n    }\n\n
getFileManager(filename, currentDirectory, options, environment, isSync) {\n\n       if (!filename) {\n
logger.warn('getFileManager called with no filename.. Please report this issue. continuing.');\n       }\n      if
(currentDirectory == null) {\n           logger.warn('getFileManager called with null directory.. Please report this
issue. continuing.');\n       }\n\n        let fileManagers = this.fileManagers;\n       if (options.pluginManager) {\n
  fileManagers = [].concat(fileManagers).concat(options.pluginManager.getFileManagers());\n
     }\n       for (let i = fileManagers.length - 1; i >= 0 ; i--) {\n           const fileManager = fileManagers[i];\n
if (fileManager[isSync ? 'supportsSync' : 'supports'](filename, currentDirectory, options, environment)) {\n
return fileManager;\n           }\n      }\n        return null;\n    }\n\n  addFileManager(fileManager) {\n
this.fileManagers.push(fileManager);\n    }\n\n  clearFileManagers() {\n       this.fileManagers = [];\n
}\n}\n\nexport default Environment;\n","export default {\n   'aliceblue':'#f0f8ff',\n   'antiquewhite':'#faebd7',\n
'aqua':'#00ffff',\n   'aquamarine':'#7fffd4',\n   'azure':'#f0ffff',\n   'beige':'#f5f5dc',\n   'bisque':'#ffe4c4',\n
'black':'#000000',\n   'blanchedalmond':'#ffebcd',\n   'blue':'#0000ff',\n   'blueviolet':'#8a2be2',\n
'brown':'#a52a2a',\n   'burlywood':'#deb887',\n   'cadetblue':'#5f9ea0',\n   'chartreuse':'#7fff00',\n
'chocolate':'#d2691e',\n
  'coral':'#ff7f50',\n   'cornflowerblue':'#6495ed',\n   'cornsilk':'#fff8dc',\n   'crimson':'#dc143c',\n
'cyan':'#00ffff',\n   'darkblue':'#00008b',\n   'darkcyan':'#008b8b',\n   'darkgoldenrod':'#b8860b',\n
'darkgray':'#a9a9a9',\n   'darkgrey':'#a9a9a9',\n   'darkgreen':'#006400',\n   'darkkhaki':'#bdb76b',\n
'darkmagenta':'#8b008b',\n   'darkolivegreen':'#556b2f',\n   'darkorange':'#ff8c00',\n   'darkorchid':'#9932cc',\n
'darkred':'#8b0000',\n   'darksalmon':'#e9967a',\n   'darkseagreen':'#8fbc8f',\n   'darkslateblue':'#483d8b',\n
'darkslategray':'#2f4f4f',\n   'darkslategrey':'#2f4f4f',\n   'darkturquoise':'#00ced1',\n   'darkviolet':'#9400d3',\n
'deeppink':'#ff1493',\n   'deepskyblue':'#00bfff',\n   'dimgray':'#696969',\n   'dimgrey':'#696969',\n
'dodgerblue':'#1e90ff',\n   'firebrick':'#b22222',\n   'floralwhite':'#fffaf0',\n   'forestgreen':'#228b22',\n
'fuchsia':'#ff00ff',\n   'gainsboro':'#dcdcdc',\n   'ghostwhite':'#f8f8ff',\n
  'gold':'#ffd700',\n   'goldenrod':'#daa520',\n   'gray':'#808080',\n   'grey':'#808080',\n   'green':'#008000',\n
'greenyellow':'#adff2f',\n   'honeydew':'#f0fff0',\n   'hotpink':'#ff69b4',\n   'indianred':'#cd5c5c',\n
'indigo':'#4b0082',\n   'ivory':'#fffff0',\n   'khaki':'#f0e68c',\n   'lavender':'#e6e6fa',\n   'lavenderblush':'#fff0f5',\n
'lawngreen':'#7cfc00',\n   'lemonchiffon':'#fffacd',\n   'lightblue':'#add8e6',\n   'lightcoral':'#f08080',\n
'lightcyan':'#e0ffff',\n   'lightgoldenrodyellow':'#fafad2',\n   'lightgray':'#d3d3d3',\n   'lightgrey':'#d3d3d3',\n
'lightgreen':'#90ee90',\n   'lightpink':'#ffb6c1',\n   'lightsalmon':'#ffa07a',\n   'lightseagreen':'#20b2aa',\n
'lightskyblue':'#87cefa',\n   'lightslategray':'#778899',\n   'lightslategrey':'#778899',\n   'lightsteelblue':'#b0c4de',\n
'lightyellow':'#ffffe0',\n   'lime':'#00ff00',\n   'limegreen':'#32cd32',\n   'linen':'#faf0e6',\n   'magenta':'#ff00ff',\n
'maroon':'#800000',\n
  'mediumaquamarine':'#66cdaa',\n   'mediumblue':'#0000cd',\n   'mediumorchid':'#ba55d3',\n
'mediumpurple':'#9370d8',\n   'mediumseagreen':'#3cb371',\n   'mediumslateblue':'#7b68ee',\n
'mediumspringgreen':'#00fa9a',\n   'mediumturquoise':'#48d1cc',\n   'mediumvioletred':'#c71585',\n
'midnightblue':'#191970',\n   'mintcream':'#f5fffa',\n   'mistyrose':'#ffe4e1',\n   'moccasin':'#ffe4b5',\n
'navajowhite':'#ffdead',\n   'navy':'#000080',\n   'oldlace':'#fdf5e6',\n   'olive':'#808000',\n   'olivedrab':'#6b8e23',\n
'orange':'#ffa500',\n   'orangered':'#ff4500',\n   'orchid':'#da70d6',\n   'palegoldenrod':'#eee8aa',\n
'palegreen':'#98fb98',\n   'paleturquoise':'#afeeee',\n   'palevioletred':'#d87093',\n   'papayawhip':'#ffefd5',\n
'peachpuff':'#ffdab9',\n   'peru':'#cd853f',\n   'pink':'#ffc0cb',\n   'plum':'#dda0dd',\n   'powderblue':'#b0e0e6',\n
'purple':'#800080',\n   'rebeccapurple':'#663399',\n   'red':'#ff0000',\n   'rosybrown':'#bc8f8f',\n
```

'royalblue':'#4169e1',\n 'saddlebrown':'#8b4513',\n 'salmon':'#fa8072',\n 'sandybrown':'#f4a460',\n 'seagreen':'#2e8b57',\n 'seashell':'#fff5ee',\n 'sienna':'#a0522d',\n 'silver':'#c0c0c0',\n 'skyblue':'#87ceeb',\n 'slateblue':'#6a5acd',\n 'slategray':'#708090',\n 'slategrey':'#708090',\n 'snow':'#fffafa',\n 'springgreen':'#00ff7f',\n 'steelblue':'#4682b4',\n 'tan':'#d2b48c',\n 'teal':'#008080',\n 'thistle':'#d8bfd8',\n 'tomato':'#ff6347',\n 'turquoise':'#40e0d0',\n 'violet':'#ee82ee',\n 'wheat':'#f5deb3',\n 'white':'#ffffff',\n 'whitesmoke':'#f5f5f5',\n 'yellow':'#ffff00',\n 'yellowgreen':'#9acd32\n};", "export default {\n length: {\n 'm': 1,\n 'cm': 0.01,\n 'mm': 0.001,\n 'in': 0.0254,\n 'px': 0.0254 / 96,\n 'pt': 0.0254 / 72,\n 'pc': 0.0254 / 72 * 12\n },\n duration: {\n 's': 1,\n 'ms': 0.001\n },\n angle: {\n 'rad': 1 / (2 * Math.PI),\n 'deg': 1 / 360,\n 'grad': 1 / 400,\n 'turn': 1\n }\n};", "import colors from './colors';\nimport unitConversions from './unit-conversions';\n\nexport default { colors, unitConversions };\n", "/**\n * The reason why Node is a class and other nodes simply do not extend\n * from Node (since we're transpiling) is due to this issue:\n * \n * https://github.com/less/less.js/issues/3434 */\nclass Node {\n constructor() {\n this.parent = null;\n this.visibilityBlocks = undefined;\n this.nodeVisible = undefined;\n this.rootNode = null;\n this.parsed = null;\n }\n\n get currentFileInfo() {\n return this.fileInfo();\n }\n\n get index() {\n return this.getIndex();\n }\n\n setParent(nodes, parent) {\n function set(node) {\n if (node && node instanceof Node) {\n node.parent = parent;\n }\n }\n if (Array.isArray(nodes)) {\n nodes.forEach(set);\n } else {\n set(nodes);\n }\n }\n\n getIndex() {\n return this._index || (this.parent && this.parent.getIndex()) || 0;\n }\n\n fileInfo() {\n return this._fileInfo || (this.parent && this.parent.fileInfo()) || {};\n }\n\n isRulesetLike() { return false; }\n\n toCSS(context) {\n const strs = [];\n this.genCSS(context, {\n add: function(chunk, fileInfo, index) {\n strs.push(chunk);\n },\n isEmpty: function () {\n return strs.length === 0;\n }\n });\n return strs.join('');\n }\n\n genCSS(context, output) {\n output.add(this.value);\n }\n\n accept(visitor) {\n this.value = visitor.visit(this.value);\n }\n\n eval() { return this; }\n\n _operate(context, op, a, b) {\n switch (op) {\n case '+': return a + b;\n case '-': return a - b;\n case '*': return a * b;\n case '/': return a / b;\n }\n }\n\n fround(context, value) {\n const precision = context && context.numPrecision;\n // add \"epsilon\" to ensure numbers like 1.000000005\n // (represented as 1.000000004999...) are properly rounded:\n return (precision) ? Number((value + 2e-16).toFixed(precision)) : value;\n }\n\n static compare(a, b) {\n /* returns:\n -1: a < b\n 0: a = b\n 1: a > b\n and *any* other value for a != b (e.g. undefined, NaN, -2 etc.) */\n if ((a.compare) &&\n // for \"symmetric results\" force toCSS-based comparison\n // of Quoted or Anonymous if either value is one of those\n !(b.type === 'Quoted' || b.type === 'Anonymous')) {\n return a.compare(b);\n } else if (b.compare) {\n return -b.compare(a);\n } else if (a.type !== b.type) {\n return undefined;\n }\n\n a = a.value;\n b = b.value;\n if (!Array.isArray(a)) {\n return a === b ? 0 : undefined;\n }\n if (a.length !== b.length) {\n return undefined;\n }\n for (let i = 0; i < a.length; i++) {\n if (Node.compare(a[i], b[i]) !== 0) {\n return undefined;\n }\n }\n return 0;\n }\n\n static numericCompare(a, b) {\n return a < b ? -1\n : a === b ? 0\n : a > b ? 1 : undefined;\n }\n\n // Returns true if this node represents root of ast imported by reference\n blocksVisibility() {\n if (this.visibilityBlocks == null) {\n this.visibilityBlocks = 0;\n }\n return this.visibilityBlocks !== 0;\n }\n\n addVisibilityBlock() {\n if (this.visibilityBlocks == null) {\n this.visibilityBlocks = 0;\n }\n this.visibilityBlocks = this.visibilityBlocks + 1;\n }\n\n removeVisibilityBlock() {\n if (this.visibilityBlocks == null) {\n this.visibilityBlocks = 0;\n }\n this.visibilityBlocks = this.visibilityBlocks - 1;\n }\n\n // Turns on node visibility - if called node will be shown in output regardless\n // of whether it comes from import by reference or not\n ensureVisibility() {\n this.nodeVisible = true;\n }\n\n // Turns off node visibility - if called node will NOT be shown in output regardless\n // of whether it comes from import by reference or not\n ensureInvisibility() {\n this.nodeVisible = false;\n }\n\n // return values:\n // false - the node must not be visible\n // true - the node must be visible\n // undefined or null - the node has the same visibility as its parent\n isVisible() {\n return this.nodeVisible;\n }\n\n visibilityInfo() {\n return {\n visibilityBlocks: this.visibilityBlocks,\n

nodeVisible:

 this.nodeVisible\n   };\n   }\n\n   copyVisibilityInfo(info) {\n   if (!info) {\n   return;\n   }\n   this.visibilityBlocks = info.visibilityBlocks;\n   this.nodeVisible = info.nodeVisible;\n   }\n}\n\nexport default Node;\n","import Node from './node';\nimport colors from '../data/colors';\n\n//\n// RGB Colors - #ff0014, #eee\n//\nconst Color = function(rgb, a, originalForm) {\n   const self = this;\n   //\n   // The end goal here, is to parse the arguments\n   // into an integer triplet, such as `128, 255, 0`\n   //\n   // This facilitates operations and conversions.\n   //\n   if (Array.isArray(rgb)) {\n   this.rgb = rgb;\n   } else if (rgb.length >= 6) {\n   this.rgb = [];\n   rgb.match(/.{2}/g).map(function (c, i) {\n   if (i < 3) {\n   self.rgb.push(parseInt(c, 16));\n   } else {\n   self.alpha = (parseInt(c, 16)) / 255;\n   }\n   });\n   } else {\n   this.rgb = [];\n   rgb.split('').map(function (c, i) {\n   if (i < 3) {\n   self.rgb.push(parseInt(c + c, 16));\n   } else {\n   self.alpha = (parseInt(c + c, 16)) / 255;\n   }\n   });\n   }\n   this.alpha = this.alpha || (typeof a === 'number' ? a : 1);\n   if (typeof originalForm !== 'undefined') {\n   this.value = originalForm;\n   }\n}\n\nColor.prototype = Object.assign(new Node(), {\n   type: 'Color',\n\n   luma() {\n   let r = this.rgb[0] / 255, g = this.rgb[1] / 255, b = this.rgb[2] / 255;\n\n   r = (r <= 0.03928) ? r / 12.92 : Math.pow(((r + 0.055) / 1.055), 2.4);\n   g = (g <= 0.03928) ? g / 12.92 : Math.pow(((g + 0.055) / 1.055), 2.4);\n   b = (b <= 0.03928) ? b / 12.92 : Math.pow(((b + 0.055) / 1.055), 2.4);\n\n   return 0.2126 * r + 0.7152 * g + 0.0722 * b;\n   },\n\n   genCSS(context, output) {\n   output.add(this.toCSS(context));\n   },\n\n   toCSS(context, doNotCompress)

 {\n   const compress = context && context.compress && !doNotCompress;\n   let color;\n   let alpha;\n   let colorFunction;\n   let args = [];\n\n   // `value` is set if this color was originally\n   // converted from a named color string so we need\n   // to respect this and try to output named color too.\n   alpha = this.fround(context, this.alpha);\n\n   if (this.value) {\n   if (this.value.indexOf('rgb') === 0) {\n   if (alpha < 1) {\n   colorFunction = 'rgba';\n   }\n   } else if (this.value.indexOf('hsl') === 0) {\n   if (alpha < 1) {\n   colorFunction = 'hsla';\n   } else {\n   colorFunction = 'hsl';\n   }\n   } else {\n   return this.value;\n   }\n   } else {\n   if (alpha < 1) {\n   colorFunction = 'rgba';\n   }\n   }\n\n   switch (colorFunction) {\n   case 'rgba':\n   args = this.rgb.map(function (c) {\n   return clamp(Math.round(c), 255);\n   }).concat(clamp(alpha, 1));\n   break;\n   case 'hsla':\n   args.push(clamp(alpha, 1));\n   case 'hsl':\n   color = this.toHSL();\n   args = [\n   this.fround(context, color.h),\n   `${this.fround(context, color.s * 100)}%`,\n   `${this.fround(context, color.l * 100)}%`\n   ].concat(args);\n   }\n\n   if (colorFunction) {\n   // Values are capped between `0` and `255`, rounded and zero-padded.\n   return `${colorFunction}(${args.join(`,${compress ? '' : ' '}`)})`;\n   }\n\n   color = this.toRGB();\n\n   if (compress) {\n   const splitcolor = color.split('');\n\n   // Convert color to short format\n   if (splitcolor[1] === splitcolor[2] && splitcolor[3] === splitcolor[4] && splitcolor[5] === splitcolor[6]) {\n   color = `#${splitcolor[1]}${splitcolor[3]}${splitcolor[5]}`;\n   }\n   }\n\n   return color;\n   },\n\n   //\n   // Operations have to be done per-channel, if not,\n   // channels will spill onto each other. Once we have\n   // our result, in the form of an integer triplet,\n   // we create a new Color node to hold the result.\n   //\n   operate(context, op, other) {\n   const rgb = new Array(3);\n   const alpha = this.alpha * (1 - other.alpha) + other.alpha;\n   for (let c = 0; c < 3; c++) {\n   rgb[c] = this._operate(context, op, this.rgb[c], other.rgb[c]);\n   }\n   return new Color(rgb, alpha);\n   },\n\n   toRGB() {\n   return toHex(this.rgb);\n   },\n\n   toHSL() {\n   const r = this.rgb[0] / 255, g = this.rgb[1] / 255, b = this.rgb[2] / 255, a = this.alpha;\n\n   const max = Math.max(r, g, b), min = Math.min(r, g, b);\n   let h;\n   let s;\n   const l = (max + min) / 2;\n   const d = max - min;\n\n   if (max === min) {\n   h = s = 0;\n   } else {\n   s = l > 0.5 ? d / (2 - max - min) : d / (max + min);\n\n   switch (max) {\n   case r: h = (g - b) / d + (g < b ? 6 : 0); break;\n   case g: h = (b - r) / d + 2;   break;\n   case b: h = (r - g) / d + 4;   break;\n   }\n   h /= 6;\n   }\n   return { h: h * 360, s, l, a };\n   },\n\n   // Adapted from http://mjijackson.com/2008/02/rgb-to-hsl-and-rgb-to-hsv-color-model-conversion-algorithms-in-javascript\n   toHSV() {\n   const r = this.rgb[0] / 255, g =

this.rgb[1] / 255, b = this.rgb[2] / 255, a = this.alpha;\n\n   const max = Math.max(r, g, b), min = Math.min(r, g, b);\n   let h;\n   let s;\n   const v = max;\n\n   const d = max - min;\n

    if (max === 0) {\n   s = 0;\n   } else {\n   s = d / max;\n   }\n\n   if (max === min) {\n   h = 0;\n   } else {\n   switch (max) {\n   case r: h = (g - b) / d + (g < b ? 6 : 0); break;\n   case g: h = (b - r) / d + 2; break;\n   case b: h = (r - g) / d + 4; break;\n   }\n   h /= 6;\n   }\n   return { h: h * 360, s, v, a };\n   },\n\n   toARGB() {\n   return toHex([this.alpha * 255].concat(this.rgb));\n   },\n\n   compare(x) {\n   return (x.rgb &&\n   x.rgb[0] === this.rgb[0] &&\n   x.rgb[1] === this.rgb[1] &&\n   x.rgb[2] === this.rgb[2] &&\n   x.alpha === this.alpha) ? 0 : undefined;\n   }\n});\n\nColor.fromKeyword = function(keyword) {\n   let c;\n   const key = keyword.toLowerCase();\n   if (colors.hasOwnProperty(key)) {\n   c = new Color(colors[key].slice(1));\n   }\n   else if (key === 'transparent') {\n   c = new Color([0, 0, 0], 0);\n   }\n\n   if (c) {\n   c.value = keyword;\n   return c;\n   }\n};\n\nfunction clamp(v, max) {\n   return Math.min(Math.max(v, 0), max);\n}\n\nfunction toHex(v) {\n   return `#${v.map(function (c) {\n        c = clamp(Math.round(c), 255);\n        return (c < 16 ? '0' : '') + c.toString(16);\n    }).join('')}`;\n}\n\nexport default Color;\n","import Node from './node';\n\nconst Paren = function(node) {\n   this.value = node;\n};\n\nParen.prototype = Object.assign(new Node(), {\n   type: 'Paren',\n\n   genCSS(context, output) {\n   output.add('(');\n   this.value.genCSS(context, output);\n   output.add(')');\n   },\n\n   eval(context) {\n   return new Paren(this.value.eval(context));\n   }\n});\n\nexport default Paren;\n","import Node from './node';\n\nconst _noSpaceCombinators = {\n   '': true,\n   ' ': true,\n   '|': true\n};\n\nconst Combinator = function(value) {\n   if (value === ' ')

    {\n   this.value = ' ';\n   this.emptyOrWhitespace = true;\n   } else {\n   this.value = value ? value.trim() : '';\n   this.emptyOrWhitespace = this.value === '';\n   }\n}\n\nCombinator.prototype = Object.assign(new Node(), {\n   type: 'Combinator',\n\n   genCSS(context, output) {\n   const spaceOrEmpty = (context.compress || _noSpaceCombinators[this.value]) ? '' : ' ';\n   output.add(spaceOrEmpty + this.value + spaceOrEmpty);\n   }\n});\n\nexport default Combinator;\n","import Node from './node';\nimport Paren from './paren';\nimport Combinator from './combinator';\n\nconst Element = function(combinator, value, isVariable, index, currentFileInfo, visibilityInfo) {\n   this.combinator = combinator instanceof Combinator ?\n   combinator : new Combinator(combinator);\n\n   if (typeof value === 'string') {\n   this.value = value.trim();\n   } else if (value) {\n   this.value = value;\n   } else {\n   this.value = '';\n   }\n

    this.isVariable = isVariable;\n   this._index = index;\n   this._fileInfo = currentFileInfo;\n   this.copyVisibilityInfo(visibilityInfo);\n   this.setParent(this.combinator, this);\n}\n\nElement.prototype = Object.assign(new Node(), {\n   type: 'Element',\n\n   accept(visitor) {\n   const value = this.value;\n   this.combinator = visitor.visit(this.combinator);\n   if (typeof value === 'object') {\n   this.value = visitor.visit(value);\n   }\n   },\n\n   eval(context) {\n   return new Element(this.combinator,\n   this.value.eval ? this.value.eval(context) : this.value,\n   this.isVariable,\n   this.getIndex(),\n   this.fileInfo(), this.visibilityInfo());\n   },\n\n   clone() {\n   return new Element(this.combinator,\n   this.value,\n   this.isVariable,\n   this.getIndex(),\n   this.fileInfo(), this.visibilityInfo());\n   },\n\n   genCSS(context, output) {\n

    output.add(this.toCSS(context), this.fileInfo(), this.getIndex());\n   },\n\n   toCSS(context) {\n   context = context || {};\n   let value = this.value;\n   const firstSelector = context.firstSelector;\n   if (value instanceof Paren) {\n   // selector in parens should not be affected by outer selector\n   // flags (breaks only interpolated selectors - see #1973)\n   context.firstSelector = true;\n   }\n   value = value.toCSS ? value.toCSS(context) : value;\n   context.firstSelector = firstSelector;\n   if (value === '' && this.combinator.value.charAt(0) === '&') {\n   return '';\n   } else {\n   return this.combinator.toCSS(context) + value;\n   }\n   }\n});\n\nexport default Element;\n","\nexport const Math = {\n ALWAYS: 0,\n   PARENS_DIVISION: 1,\n   PARENS: 2\n   // removed - STRICT_LEGACY: 3\n};\n\nexport const RewriteUrls = {\n   OFF: 0,\n   LOCAL: 1,\n   ALL: 2\n};","/**\r\n * Returns the object type of the given payload\r\n *\r\n * @param {*} payload\r\n * @returns {string}\r\n */\r\nfunction getType(payload) {\r\n   return Object.prototype.toString.call(payload).slice(8, -1);\r\n}\r\n\r\n/**\r\n *

Returns whether the payload is undefined\r\n *\r\n * @param {*} payload\r\n * @returns {payload is undefined}\r\n */\r\nfunction isUndefined(payload) {\r\n   return getType(payload) === 'Undefined';\r\n}\r\n/**\r\n * Returns whether the payload is null\r\n *\r\n * @param {*} payload\r\n * @returns {payload is null}\r\n */\r\nfunction isNull(payload) {\r\n   return getType(payload) === 'Null';\r\n}\r\n/**\r\n * Returns whether the payload is a plain JavaScript object (excluding special classes or objects with other prototypes)\r\n *\r\n * @param {*} payload\r\n * @returns {payload is Record<string, any>}\r\n */\r\nfunction isPlainObject(payload) {\r\n   if (getType(payload) !== 'Object')\r\n   return false;\r\n   return payload.constructor === Object && Object.getPrototypeOf(payload) === Object.prototype;\r\n}\r\n/**\r\n * Returns whether the payload is a plain JavaScript object (excluding special classes or objects with other prototypes)\r\n *\r\n * @param {*} payload\r\n * @returns {payload is Record<string, any>}\r\n */\r\nfunction isObject(payload) {\r\n   return isPlainObject(payload);\r\n}\r\n/**\r\n * Returns whether the payload is a an empty object (excluding special classes or objects with other prototypes)\r\n *\r\n * @param {*} payload\r\n * @returns {payload is { [K in any]: never }}\r\n */\r\nfunction isEmptyObject(payload) {\r\n   return isPlainObject(payload) && Object.keys(payload).length === 0;\r\n}\r\n/**\r\n * Returns whether the payload is an any kind of object (including special classes or objects with different prototypes)\r\n *\r\n * @param {*} payload\r\n * @returns {payload is Record<string, any>}\r\n */\r\nfunction isAnyObject(payload) {\r\n   return getType(payload) === 'Object';\r\n}\r\n/**\r\n * Returns whether the payload is an object like a type passed in < >\r\n *\r\n * Usage: isObjectLike<{id: any}>(payload) // will make sure it's an object and has an `id` prop.\r\n *\r\n * @template T this must be passed in < >\r\n * @param {*} payload\r\n * @returns {payload is T}\r\n */\r\nfunction isObjectLike(payload) {\r\n   return isAnyObject(payload);\r\n}\r\n/**\r\n * Returns whether the payload is a function (regular or async)\r\n *\r\n * @param {*} payload\r\n * @returns {payload is AnyFunction}\r\n */\r\nfunction isFunction(payload) {\r\n   return typeof payload === \"function\";\r\n}\r\n/**\r\n * Returns whether the payload is an array\r\n *\r\n * @param {any} payload\r\n * @returns {payload is any[]}\r\n */\r\nfunction isArray(payload) {\r\n   return getType(payload) === 'Array';\r\n}\r\n/**\r\n * Returns whether the payload is a an array with at least 1 item\r\n *\r\n * @param {*} payload\r\n * @returns {payload is any[]}\r\n */\r\nfunction isFullArray(payload) {\r\n   return isArray(payload) && payload.length > 0;\r\n}\r\n/**\r\n * Returns whether the payload is a an empty array\r\n *\r\n * @param {*} payload\r\n * @returns {payload is []}\r\n */\r\nfunction isEmptyArray(payload) {\r\n   return isArray(payload) && payload.length === 0;\r\n}\r\n/**\r\n * Returns whether the payload is a string\r\n *\r\n * @param {*} payload\r\n * @returns {payload is string}\r\n */\r\nfunction isString(payload) {\r\n   return getType(payload) === 'String';\r\n}\r\n/**\r\n * Returns whether the payload is a string, BUT returns false for ''\r\n *\r\n * @param {*} payload\r\n * @returns {payload is string}\r\n */\r\nfunction isFullString(payload) {\r\n   return isString(payload) && payload !== '';\r\n}\r\n/**\r\n * Returns whether the payload is ''\r\n *\r\n * @param {*} payload\r\n * @returns {payload is string}\r\n */\r\nfunction isEmptyString(payload) {\r\n   return payload === '';\r\n}\r\n/**\r\n * Returns whether the payload is a number (but not NaN)\r\n *\r\n * This will return `false` for `NaN`!!\r\n *\r\n * @param {*} payload\r\n * @returns {payload is number}\r\n */\r\nfunction isNumber(payload) {\r\n   return getType(payload) === 'Number' && !isNaN(payload);\r\n}\r\n/**\r\n * Returns whether the payload is a boolean\r\n *\r\n * @param {*} payload\r\n * @returns {payload is boolean}\r\n */\r\nfunction isBoolean(payload) {\r\n   return getType(payload) === 'Boolean';\r\n}\r\n/**\r\n * Returns whether the payload is a regular expression (RegExp)\r\n *\r\n * @param {*} payload\r\n * @returns {payload is RegExp}\r\n */\r\nfunction isRegExp(payload) {\r\n   return getType(payload) === 'RegExp';\r\n}\r\n/**\r\n * Returns whether the payload is a Map\r\n *\r\n * @param {*} payload\r\n * @returns {payload is Map<any, any>}\r\n */\r\nfunction isMap(payload) {\r\n   return getType(payload) === 'Map';\r\n}\r\n/**\r\n * Returns whether the payload is a WeakMap\r\n *\r\n * @param {*} payload\r\n * @returns {payload is WeakMap<any, any>}\r\n */\r\nfunction isWeakMap(payload) {\r\n   return getType(payload) === 'WeakMap';\r\n}\r\n/**\r\n * Returns whether the payload is a Set\r\n *\r\n * @param {*} payload\r\n * @returns {payload is Set<any>}\r\n */\r\nfunction isSet(payload) {\r\n   return getType(payload) === 'Set';\r\n}\r\n/**\r\n * Returns whether the payload is a WeakSet\r\n *\r\n * @param {*} payload\r\n * @returns {payload is WeakSet<any>}\r\n */\r\nfunction

isWeakSet(payload) {\r\n   return getType(payload) === 'WeakSet';\r\n}\r\n/**\r\n * Returns whether the payload is a Symbol\r\n *\r\n * @param {*} payload\r\n * @returns {payload is symbol}\r\n */\r\nfunction isSymbol(payload) {\r\n   return getType(payload) === 'Symbol';\r\n}\r\n/**\r\n * Returns whether the payload is a Date, and that the date is valid\r\n *\r\n * @param {*} payload\r\n * @returns {payload is Date}\r\n */\r\nfunction isDate(payload) {\r\n   return getType(payload) === 'Date' && !isNaN(payload);\r\n}\r\n/**\r\n * Returns whether the payload is a Blob\r\n

 *\r\n * @param {*} payload\r\n * @returns {payload is Blob}\r\n */\r\nfunction isBlob(payload) {\r\n   return getType(payload) === 'Blob';\r\n}\r\n/**\r\n * Returns whether the payload is a File\r\n *\r\n * @param {*} payload\r\n * @returns {payload is File}\r\n */\r\nfunction isFile(payload) {\r\n   return getType(payload) === 'File';\r\n}\r\n/**\r\n * Returns whether the payload is a Promise\r\n *\r\n * @param {*} payload\r\n * @returns {payload is Promise<any>}\r\n */\r\nfunction isPromise(payload) {\r\n   return getType(payload) === 'Promise';\r\n}\r\n/**\r\n * Returns whether the payload is an Error\r\n *\r\n * @param {*} payload\r\n * @returns {payload is Error}\r\n */\r\nfunction isError(payload) {\r\n   return getType(payload) === 'Error';\r\n}\r\n/**\r\n * Returns whether the payload is literally the value `NaN` (it's `NaN` and also a `number`)\r\n *\r\n * @param {*} payload\r\n * @returns {payload is typeof NaN}\r\n */\r\nfunction isNaNValue(payload) {\r\n   return getType(payload)

 === 'Number' && isNaN(payload);\r\n}\r\n/**\r\n * Returns whether the payload is a primitive type (eg. Boolean | Null | Undefined | Number | String | Symbol)\r\n *\r\n * @param {*} payload\r\n * @returns {(payload is boolean | null | undefined | number | string | symbol)}\r\n */\r\nfunction isPrimitive(payload) {\r\n   return (isBoolean(payload) ||\r\n   isNull(payload) ||\r\n   isUndefined(payload) ||\r\n   isNumber(payload) ||\r\n   isString(payload) ||\r\n   isSymbol(payload));\r\n}\r\n/**\r\n * Returns true whether the payload is null or undefined\r\n *\r\n * @param {*} payload\r\n * @returns {(payload is null | undefined)}\r\n */\r\nfunction isNullOrUndefined(payload) {\r\n   return isNull(payload) || isUndefined(payload);\r\n}\r\n/**\r\n * Does a generic check to check that the given payload is of a given type.\r\n * In cases like Number, it will return true for NaN as NaN is a Number (thanks javascript!);\r\n * It will, however, differentiate

 between object and null\r\n *\r\n * @template T\r\n * @param {*} payload\r\n * @param {T} type\r\n * @throws {TypeError} Will throw type error if type is an invalid type\r\n * @returns {payload is T}\r\n */\r\nfunction isType(payload, type) {\r\n   if (!(type instanceof Function)) {\r\n   throw new TypeError('Type must be a function');\r\n   }\r\n   if (!Object.prototype.hasOwnProperty.call(type, 'prototype')) {\r\n   throw new TypeError('Type is not a class');\r\n   }\r\n   // Classes usually have names (as functions usually have names)\r\n   var name = type.name;\r\n   return getType(payload) === name || Boolean(payload && payload.constructor === type);\r\n}\n\nexport { getType, isAnyObject, isArray, isBlob, isBoolean, isDate, isEmptyArray, isEmptyObject, isEmptyString, isError, isFile, isFullArray, isFullString, isFunction, isMap, isNaNValue, isNull, isNullOrUndefined, isNumber, isObject, isObjectLike, isPlainObject, isPrimitive, isPromise, isRegExp, isSet, isString, isSymbol, isType, isUndefined, isWeakMap, isWeakSet };\n","import { isArray, isPlainObject } from 'is-what';\n\n/*!

*/\r\n\r\nfunction __spreadArrays()
 {\r\n   for (var s = 0, i = 0, il = arguments.length; i < il; i++) s += arguments[i].length;\r\n   for (var r = Array(s), k = 0, i = 0; i < il; i++)\r\n   for (var a = arguments[i], j = 0, jl = a.length; j < jl; j++, k++)\r\n   r[k] = a[j];\r\n

return r;\r\n}\n\nfunction assignProp(carry, key, newVal, originalObject, includeNonenumerable) {\r\n   var propType = {}.propertyIsEnumerable.call(originalObject, key)\r\n   ? 'enumerable'\r\n   : 'nonenumerable';\r\n   if (propType === 'enumerable')\r\n   carry[key] = newVal;\r\n   if (includeNonenumerable && propType === 'nonenumerable') {\r\n   Object.defineProperty(carry, key, {\r\n   value: newVal,\r\n   enumerable: false,\r\n   writable: true,\r\n   configurable: true,\r\n   });\r\n   }\r\n}\r\n/**\r\n * Copy (clone) an object and all its props recursively to get rid of any prop referenced of the original object. Arrays are also cloned, however objects

 inside arrays are still linked.\r\n *\r\n * @export\r\n * @template T\r\n * @param {T} target Target can be anything\r\n * @param {Options} [options={}] Options can be `props` or `nonenumerable`\r\n * @returns {T} the target with replaced values\r\n * @export\r\n */\r\nfunction copy(target, options) {\r\n   if (options === void 0) { options = {}; }\r\n   if (isArray(target))\r\n   return target.map(function (i) { return copy(i, options); });\r\n   if (!isPlainObject(target))\r\n   return target;\r\n   var props = Object.getOwnPropertyNames(target);\r\n   var symbols = Object.getOwnPropertySymbols(target);\r\n   return __spreadArrays(props, symbols).reduce(function (carry, key) {\r\n   if (isArray(options.props) && !options.props.includes(key)) {\r\n   return carry;\r\n   }\r\n   var val = target[key];\r\n   var newVal = copy(val, options);\r\n   assignProp(carry, key, newVal, target, options.nonenumerable);\r\n   return carry;\r\n

    }, {});\r\n}\n\nexport { copy };\n","/* jshint proto: true */\nimport * as Constants from './constants';\nimport { copy } from 'copy-anything';\n\nexport function getLocation(index, inputStream) {\n   let n = index + 1;\n   let line = null;\n   let column = -1;\n\n   while (--n >= 0 && inputStream.charAt(n) !== '\\n') {\n   column++;\n   }\n\n   if (typeof index === 'number') {\n   line = (inputStream.slice(0, index).match(/\\n/g) || '').length;\n   }\n\n   return {\n   line,\n   column\n   };\n}\n\nexport function copyArray(arr) {\n   let i;\n   const length = arr.length;\n   const copy = new Array(length);\n\n   for (i = 0; i < length; i++) {\n   copy[i] = arr[i];\n   }\n   return copy;\n}\n\nexport function clone(obj) {\n   const cloned = {};\n   for (const prop in obj) {\n   if (obj.hasOwnProperty(prop)) {\n   cloned[prop] = obj[prop];\n   }\n   }\n   return cloned;\n}\n\nexport function defaults(obj1, obj2) {\n

  let newObj = obj2 || {};\n   if (!obj2._defaults) {\n   newObj = {};\n   const defaults = copy(obj1);\n   newObj._defaults = defaults;\n   const cloned = obj2 ? copy(obj2) : {};\n   Object.assign(newObj, defaults, cloned);\n   }\n   return newObj;\n}\n\nexport function copyOptions(obj1, obj2) {\n   if (obj2 && obj2._defaults) {\n   return obj2;\n   }\n   const opts = defaults(obj1, obj2);\n   if (opts.strictMath) {\n   opts.math = Constants.Math.PARENS;\n   }\n   // Back compat with changed relativeUrls option\n   if (opts.relativeUrls) {\n   opts.rewriteUrls = Constants.RewriteUrls.ALL;\n   }\n   if (typeof opts.math === 'string') {\n   switch (opts.math.toLowerCase()) {\n   case 'always':\n   opts.math = Constants.Math.ALWAYS;\n   break;\n   case 'parens-division':\n   opts.math = Constants.Math.PARENS_DIVISION;\n   break;\n   case 'strict':\n

      case 'parens':\n   opts.math = Constants.Math.PARENS;\n   break;\n   default:\n   opts.math = Constants.Math.PARENS;\n   }\n   }\n   if (typeof opts.rewriteUrls === 'string') {\n   switch (opts.rewriteUrls.toLowerCase()) {\n   case 'off':\n   opts.rewriteUrls = Constants.RewriteUrls.OFF;\n   break;\n   case 'local':\n   opts.rewriteUrls = Constants.RewriteUrls.LOCAL;\n   break;\n   case 'all':\n   opts.rewriteUrls = Constants.RewriteUrls.ALL;\n   break;\n   }\n   }\n   return opts;\n}\n\nexport function merge(obj1, obj2) {\n   for (const prop in obj2) {\n   if (obj2.hasOwnProperty(prop)) {\n   obj1[prop] = obj2[prop];\n   }\n   }\n   return obj1;\n}\n\nexport function flattenArray(arr, result = []) {\n   for (let i = 0, length = arr.length; i < length; i++) {\n   const value = arr[i];\n

      if (Array.isArray(value)) {\n   flattenArray(value, result);\n   } else {\n   if (value !== undefined) {\n   result.push(value);\n   }\n   }\n   }\n   return result;\n}","import * as utils from './utils';\n\nconst anonymousFunc = /(<anonymous>|Function):(\\d+):(\\d+)/;\n\n/**\n * This is a centralized class of any error that could be thrown internally (mostly by the parser).\n * Besides standard .message it keeps some additional data like a path to the file where the error\n * occurred along with line and column numbers.\n *\n *

@class\n * @extends Error\n * @type {module.LessError}\n *\n * @prop {string} type\n * @prop {string} filename\n * @prop {number} index\n * @prop {number} line\n * @prop {number} column\n * @prop {number} callLine\n * @prop {number} callExtract\n * @prop {string[]} extract\n *\n * @param {Object} e   - An error object to wrap around or just a descriptive object\n * @param {Object} fileContentMap - An object with file contents in 'contents' property (like importManager) @todo - move to fileManager?\n * @param {string} [currentFilename]\n */\nconst LessError = function(e, fileContentMap, currentFilename) {\n   Error.call(this);\n\n   const filename = e.filename || currentFilename;\n\n   this.message = e.message;\n   this.stack = e.stack;\n\n   if (fileContentMap && filename) {\n   const input = fileContentMap.contents[filename];\n   const loc = utils.getLocation(e.index, input);\n   var line = loc.line;\n   const col = loc.column;\n   const callLine = e.call && utils.getLocation(e.call, input).line;\n   const lines = input ? input.split('\\n') : ";\n\n   this.type = e.type || 'Syntax';\n   this.filename = filename;\n   this.index = e.index;\n   this.line = typeof line === 'number' ? line + 1 : null;\n   this.column = col;\n\n   if (!this.line && this.stack) {\n   const found = this.stack.match(anonymousFunc);\n\n   /**\n   * We have to figure out how this environment stringifies anonymous functions\n   * so we can correctly map plugin errors.\n   * \n   * Note, in Node 8, the output of anonymous funcs varied based on parameters\n   * being present or not, so we inject dummy params.\n   */\n   const func = new Function('a', 'throw new Error()');\n   let lineAdjust = 0;\n   try {\n   func();\n   } catch (e) {\n   const match = e.stack.match(anonymousFunc);\n   var line = parseInt(match[2]);\n   lineAdjust = 1 - line;\n   }\n\n   if (found) {\n   if (found[2]) {\n   this.line = parseInt(found[2]) + lineAdjust;\n   }\n   if (found[3]) {\n   this.column = parseInt(found[3]);\n   }\n   }\n   }\n\n   this.callLine = callLine + 1;\n   this.callExtract = lines[callLine];\n\n   this.extract = [\n   lines[this.line - 2],\n   lines[this.line - 1],\n   lines[this.line]\n   ];\n   }\n};\nif (typeof Object.create === 'undefined') {\n   const F = function () {};\n   F.prototype = Error.prototype;\n   LessError.prototype = new F();\n} else {\n   LessError.prototype = Object.create(Error.prototype);\n}\n\nLessError.prototype.constructor = LessError;\n\n/**\n * An overridden version of the default Object.prototype.toString\n * which uses additional information to create a helpful message.\n *\n * @param {Object} options\n * @returns {string}\n */\nLessError.prototype.toString = function(options) {\n   options = options || { };\n\n   let message = ";\n   const extract = this.extract || [];\n   let error = [];\n   let stylize = function (str) { return str; };\n   if (options.stylize) {\n   const type = typeof options.stylize;\n   if (type !== 'function') {\n   throw Error(`options.stylize should be a function, got a ${type}!`);\n   }\n   stylize = options.stylize;\n   }\n\n   if (this.line !== null) {\n   if (typeof extract[0] === 'string') {\n   error.push(stylize(`${this.line - 1} ${extract[0]}`, 'grey'));\n   }\n\n   if (typeof extract[1] === 'string') {\n   let errorTxt = `${this.line} `;\n   if (extract[1]) {\n   errorTxt += extract[1].slice(0, this.column) +\n   stylize(stylize(stylize(extract[1].substr(this.column, 1), 'bold') +\n   extract[1].slice(this.column + 1), 'red'), 'inverse');\n   }\n   error.push(errorTxt);\n   }\n\n   if (typeof extract[2] === 'string') {\n   error.push(stylize(`${this.line + 1} ${extract[2]}`, 'grey'));\n   }\n   error = `${error.join('\\n') + stylize(", 'reset')}\\n`;\n   }\n\n   message += stylize(`${this.type}Error: ${this.message}`, 'red');\n   if (this.filename) {\n   message += stylize(' in ', 'red') + this.filename;\n   }\n   if (this.line) {\n   message += stylize(` on line ${this.line}, column ${this.column + 1}:`, 'grey');\n   }\n\n   message += `\\n${error}`;\n\n   if (this.callLine) {\n   message += `${stylize('from ', 'red') + (this.filename || ")}/n`;\n   message += `${stylize(this.callLine, 'grey')} ${this.callExtract}/n`;\n   }\n\n   return message;\n};\n\nexport default LessError;","import Node from './node';\nimport Element from './element';\nimport LessError from '../less-error';\n\nconst Selector = function(elements, extendList, condition, index, currentFileInfo, visibilityInfo) {\n   this.extendList = extendList;\n   this.condition = condition;\n   this.evaldCondition = !condition;\n   this._index = index;\n   this._fileInfo = currentFileInfo;\n   this.elements = this.getElements(elements);\n   this.mixinElements_ = undefined;\n   this.copyVisibilityInfo(visibilityInfo);\n

this.setParent(this.elements, this);\n};\n\nSelector.prototype = Object.assign(new Node(), {\n   type: 'Selector',\n\n   accept(visitor) {\n   if (this.elements) {\n   this.elements = visitor.visitArray(this.elements);\n   }\n   if (this.extendList) {\n   this.extendList = visitor.visitArray(this.extendList);\n   }\n   if (this.condition) {\n   this.condition = visitor.visit(this.condition);\n   }\n   },\n\n   createDerived(elements, extendList, evaldCondition) {\n   elements = this.getElements(elements);\n   const newSelector = new Selector(elements, extendList || this.extendList,\n   null, this.getIndex(), this.fileInfo(), this.visibilityInfo());\n   newSelector.evaldCondition = (evaldCondition != null) ? evaldCondition : this.evaldCondition;\n   newSelector.mediaEmpty = this.mediaEmpty;\n   return newSelector;\n   },\n\n   getElements(els) {\n   if
(!els) {\n   return [new Element('', '&', false, this._index, this._fileInfo)];\n   }\n   if (typeof els === 'string') {\n   this.parse.parseNode(\n   els, \n   ['selector'],\n   this._index, \n   this._fileInfo, \n   function(err, result) {\n   if (err) {\n   throw new LessError({\n   index: err.index,\n   message: err.message\n   }, this.parse.imports, this._fileInfo.filename);\n   }\n   els = result[0].elements;\n   });\n   }\n   return els;\n   },\n\n   createEmptySelectors() {\n   const el = new Element('', '&', false, this._index, this._fileInfo), sels = [new Selector([el], null, null, this._index, this._fileInfo)];\n   sels[0].mediaEmpty = true;\n   return sels;\n   },\n\n   match(other) {\n   const elements
= this.elements;\n   const len = elements.length;\n   let olen;\n   let i;\n\n   other = other.mixinElements();\n   olen = other.length;\n   if (olen === 0 || len < olen) {\n   return 0;\n   } else {\n   for (i = 0; i < olen; i++) {\n   if (elements[i].value !== other[i]) {\n   return 0;\n   }\n   }\n   }\n\n   return olen; // return number of matched elements\n   },\n\n   mixinElements() {\n   if (this.mixinElements_) {\n   return this.mixinElements_;\n   }\n\n   let elements = this.elements.map(function(v) {\n   return v.combinator.value + (v.value.value || v.value);\n   }).join('').match(/[,&#*\\.\\w-]([\\w-]|(\\\\.))*/g);\n\n   if (elements) {\n   if (elements[0] === '&') {\n   elements.shift();\n   }\n   } else {\n   elements = [];\n   }\n\n   return (this.mixinElements_
= elements);\n   },\n\n   isJustParentSelector() {\n   return !this.mediaEmpty &&\n   this.elements.length === 1 &&\n   this.elements[0].value === '&' &&\n   (this.elements[0].combinator.value === ' ' || this.elements[0].combinator.value === '');\n   },\n\n   eval(context) {\n   const evaldCondition = this.condition && this.condition.eval(context);\n   let elements = this.elements;\n   let extendList = this.extendList;\n\n   elements = elements && elements.map(function (e) { return e.eval(context); });\n   extendList = extendList && extendList.map(function(extend) { return extend.eval(context); });\n\n   return this.createDerived(elements, extendList, evaldCondition);\n   },\n\n   genCSS(context, output) {\n   let i, element;\n   if ((!context || !context.firstSelector) && this.elements[0].combinator.value === '') {\n   output.add(' ', this.fileInfo(), this.getIndex());\n   }
    for (i = 0; i < this.elements.length; i++) {\n   element = this.elements[i];\n   element.genCSS(context, output);\n   }\n   },\n\n   getIsOutput() {\n   return this.evaldCondition;\n   }\n});\n\nexport default Selector;\n","import Node from './node';\n\nconst Value = function(value) {\n   if (!value) {\n   throw new Error('Value requires an array argument');\n   }\n   if (!Array.isArray(value)) {\n   this.value = [value];\n   }\n   else {\n   this.value = value;\n   }\n};\n\nValue.prototype = Object.assign(new Node(), {\n   type: 'Value',\n\n   accept(visitor) {\n   if (this.value) {\n   this.value = visitor.visitArray(this.value);\n   }\n   },\n\n   eval(context) {\n   if (this.value.length === 1) {\n   return this.value[0].eval(context);\n   } else {\n   return new Value(this.value.map(function (v) {\n   return v.eval(context);\n   }));\n   }\n   },\n\n   genCSS(context, output) {\n   let i;\n   for (i = 0; i < this.value.length; i++) {\n   this.value[i].genCSS(context, output);\n   if (i + 1 < this.value.length) {\n   output.add((context && context.compress) ? ',' : ', ');\n   }\n   }\n   }\n});\n\nexport default Value;\n","import Node from './node';\n\nconst Keyword = function(value) {\n   this.value = value;\n};\n\nKeyword.prototype = Object.assign(new Node(), {\n   type: 'Keyword',\n\n   genCSS(context, output) {\n   if (this.value === '%') { throw { type: 'Syntax', message: 'Invalid % without number' }; }\n   output.add(this.value);\n

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}\n});\n\nKeyword.True = new Keyword('true');\nKeyword.False = new Keyword('false');\n\nexport default
Keyword;\n","import Node from './node';\n\nconst Anonymous = function(value, index, currentFileInfo, mapLines,
rulesetLike, visibilityInfo) {\n    this.value = value;\n    this._index = index;\n    this._fileInfo = currentFileInfo;\n
    this.mapLines = mapLines;\n    this.rulesetLike = (typeof rulesetLike === 'undefined') ? false : rulesetLike;\n
this.allowRoot = true;\n    this.copyVisibilityInfo(visibilityInfo);\n}\n\nAnonymous.prototype = Object.assign(new
Node(), {\n    type: 'Anonymous',\n    eval() {\n        return new Anonymous(this.value, this._index, this._fileInfo,
this.mapLines, this.rulesetLike, this.visibilityInfo());\n    },\n    compare(other) {\n        return other.toCSS &&
this.toCSS() === other.toCSS() ? 0 : undefined;\n    },\n    isRulesetLike() {\n        return this.rulesetLike;\n    },\n
genCSS(context, output) {\n        this.nodeVisible = Boolean(this.value);\n        if (this.nodeVisible) {\n
output.add(this.value, this._fileInfo, this._index, this.mapLines);\n        }\n    }\n})\n\nexport default
Anonymous;\n","import Node from './node';\nimport Value from './value';\nimport Keyword from
'./keyword';\nimport Anonymous from './anonymous';\nimport * as Constants
 from '../constants';\nconst MATH = Constants.Math;\n\nfunction evalName(context, name) {\n    let value = '';\n
let i;\n    const n = name.length;\n    const output = {add: function (s) {value += s;}};\n    for (i = 0; i < n; i++) {\n
 name[i].eval(context).genCSS(context, output);\n    }\n    return value;\n}\n\nconst Declaration = function(name,
value, important, merge, index, currentFileInfo, inline, variable) {\n    this.name = name;\n    this.value = (value
instanceof Node) ? value : new Value([value ? new Anonymous(value) : null]);\n    this.important = important ? `
${important.trim()}` : '';\n    this.merge = merge;\n    this._index = index;\n    this._fileInfo = currentFileInfo;\n
this.inline = inline || false;\n    this.variable = (variable !== undefined) ? variable\n        : (name.charAt &&
(name.charAt(0) === '@'));\n    this.allowRoot = true;\n    this.setParent(this.value,
this);\n};\n\nDeclaration.prototype = Object.assign(new Node(), {\n    type: 'Declaration',\n\n
    genCSS(context, output) {\n        output.add(this.name + (context.compress ? ':' : ': '), this.fileInfo(),
this.getIndex());\n        try {\n            this.value.genCSS(context, output);\n        }    catch (e) {\n            e.index
= this._index;\n            e.filename = this._fileInfo.filename;\n            throw e;\n        }\n
output.add(this.important + ((this.inline || (context.lastRule && context.compress)) ? '' : ';'), this._fileInfo,
this._index);\n    },\n\n    eval(context) {\n        let mathBypass = false, prevMath, name = this.name, evaldValue,
variable = this.variable;\n        if (typeof name !== 'string') {\n            // expand 'primitive' name directly to get\n
    // things faster (~10% for benchmark.less):\n            name = (name.length === 1) && (name[0] instanceof
Keyword) ?\n            name[0].value : evalName(context, name);\n            variable = false; // never treat expanded
interpolation as new variable name\n
        }\n\n        // @todo remove when parens-division is default\n        if (name === 'font' && context.math ===
MATH.ALWAYS) {\n            mathBypass = true;\n            prevMath = context.math;\n            context.math =
MATH.PARENS_DIVISION;\n        }\n        try {\n            context.importantScope.push({});\n            evaldValue =
this.value.eval(context);\n\n            if (!this.variable && evaldValue.type === 'DetachedRuleset') {\n                throw
{ message: 'Rulesets cannot be evaluated on a property.',\n                    index: this.getIndex(), filename:
this.fileInfo().filename };\n            }\n            let important = this.important;\n            const importantResult =
context.importantScope.pop();\n            if (!important && importantResult.important) {\n                important =
importantResult.important;\n            }\n\n            return new Declaration(name,\n                evaldValue,\n
important,\n                this.merge,\n
            this.getIndex(), this.fileInfo(), this.inline,\n                variable);\n        }    catch (e) {\n            if
(typeof e.index !== 'number') {\n                e.index = this.getIndex();\n                e.filename =
this.fileInfo().filename;\n            }\n            throw e;\n        }    finally {\n            if (mathBypass) {\n
context.math = prevMath;\n            }\n        }\n    },\n\n    makeImportant() {\n        return new
Declaration(this.name,\n            this.value,\n            '!important',\n            this.merge,\n            this.getIndex(),
this.fileInfo(), this.inline);\n    }\n});\n\nexport default Declaration;","function asComment(ctx) {\n    return `/* line
${ctx.debugInfo.lineNumber}, ${ctx.debugInfo.fileName} */\n`;\n}\n\nfunction asMediaQuery(ctx) {\n    let
filenameWithProtocol = ctx.debugInfo.fileName;\n    if (!/^[a-z]+:\/\//i.test(filenameWithProtocol)) {\n
filenameWithProtocol = `file://${filenameWithProtocol}`;\n
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}\n   return `@media -sass-debug-info{filename{font-family:${filenameWithProtocol.replace(/([.:\\/\\\\])/g, function (a) {\n        if (a == '\\\\') {\n            a = '\\/';\n        }\n        return `\\\\${a}`;\n    })}}line{font-family:\\\\00003${ctx.debugInfo.lineNumber}}}\\\\`;\n}\n\nfunction debugInfo(context, ctx, lineSeparator) {\n   let result = '';\n   if (context.dumpLineNumbers && !context.compress) {\n   switch (context.dumpLineNumbers) {\n   case 'comments':\n   result = asComment(ctx);\n   break;\n   case 'mediaquery':\n   result = asMediaQuery(ctx);\n   break;\n   case 'all':\n   result = asComment(ctx) + (lineSeparator || '') + asMediaQuery(ctx);\n   break;\n   }\n   }\n   return result;\n}\n\nexport default debugInfo;\n\n","import Node from './node';\nimport getDebugInfo from './debug-info';\n\nconst Comment = function(value,
 isLineComment, index, currentFileInfo) {\n   this.value = value;\n   this.isLineComment = isLineComment;\n   this._index = index;\n   this._fileInfo = currentFileInfo;\n   this.allowRoot = true;\n}\n\nComment.prototype = Object.assign(new Node(), {\n   type: 'Comment',\n\n   genCSS(context, output) {\n   if (this.debugInfo) {\n   output.add(getDebugInfo(context, this), this.fileInfo(), this.getIndex());\n   }\n   output.add(this.value);\n   },\n\n   isSilent(context) {\n   const isCompressed = context.compress && this.value[2] !== '!';\n   return this.isLineComment || isCompressed;\n   }\n});\n\nexport default Comment;\n","const contexts = {};\nexport default contexts;\nimport * as Constants from './constants';\n\nconst copyFromOriginal = function copyFromOriginal(original, destination, propertiesToCopy) {\n   if (!original) { return; }\n\n   for (let i = 0; i < propertiesToCopy.length; i++) {\n   if (original.hasOwnProperty(propertiesToCopy[i]))
 {\n   destination[propertiesToCopy[i]] = original[propertiesToCopy[i]];\n   }\n   }\n};\n\n/*\n parse is used whilst parsing\n */\nconst parseCopyProperties = [\n   // options\n   'paths',   // option - unmodified - paths to search for imports on\n   'rewriteUrls',   // option - whether to adjust URL's to be relative\n   'rootpath',   // option - rootpath to append to URL's\n   'strictImports',   // option -\n   'insecure',   // option - whether to allow imports from insecure ssl hosts\n   'dumpLineNumbers', // option - whether to dump line numbers\n   'compress',   // option - whether to compress\n   'syncImport',   // option - whether to import synchronously\n   'chunkInput',   // option - whether to chunk input. more performant but causes parse issues.\n   'mime',   // browser only - mime type for sheet import\n   'useFileCache',   // browser only - whether to use the per file session
 cache\n   // context\n   'processImports', // option & context - whether to process imports. if false then imports will not be imported.\n   // Used by the import manager to stop multiple import visitors being created.\n   'pluginManager'   // Used as the plugin manager for the session\n];\n\ncontexts.Parse = function(options) {\n   copyFromOriginal(options, this, parseCopyProperties);\n\n   if (typeof this.paths === 'string') { this.paths = [this.paths]; }\n};\n\nconst evalCopyProperties = [\n   'paths',   // additional include paths\n   'compress',   // whether to compress\n   'math',   // whether math has to be within parenthesis\n   'strictUnits',   // whether units need to evaluate correctly\n   'sourceMap',   // whether to output a source map\n   'importMultiple',   // whether we are currently importing multiple copies\n   'urlArgs',   // whether to add args into url tokens\n   'javascriptEnabled', // option - whether
 Inline JavaScript is enabled. if undefined, defaults to false\n   'pluginManager',   // Used as the plugin manager for the session\n   'importantScope',   // used to bubble up !important statements\n   'rewriteUrls'   // option - whether to adjust URL's to be relative\n];\n\ncontexts.Eval = function(options, frames) {\n   copyFromOriginal(options, this, evalCopyProperties);\n\n   if (typeof this.paths === 'string') { this.paths = [this.paths]; }\n\n   this.frames = frames || [];\n   this.importantScope = this.importantScope || [];\n};\n\ncontexts.Eval.prototype.enterCalc = function () {\n   if (!this.calcStack) {\n   this.calcStack = [];\n   }\n   this.calcStack.push(true);\n   this.inCalc = true;\n};\ncontexts.Eval.prototype.exitCalc = function () {\n   this.calcStack.pop();\n   if (!this.calcStack.length) {\n   this.inCalc = false;\n
 }\n};\n\ncontexts.Eval.prototype.inParenthesis = function () {\n   if (!this.parensStack) {\n   this.parensStack = [];\n   }\n   this.parensStack.push(true);\n};\n\ncontexts.Eval.prototype.outOfParenthesis = function () {\n   this.parensStack.pop();\n};\n\ncontexts.Eval.prototype.inCalc = false;\ncontexts.Eval.prototype.mathOn = true;\ncontexts.Eval.prototype.isMathOn = function (op) {\n   if (!this.mathOn) {\n   return false;\n   }\n   if (op === '/' && this.math !== Constants.Math.ALWAYS && (!this.parensStack || !this.parensStack.length)) {\n

return false;\n }\n if (this.math > Constants.Math.PARENS_DIVISION) {\n return this.parensStack && this.parensStack.length;\n }\n return true;\n};\n\ncontexts.Eval.prototype.pathRequiresRewrite = function (path) {\n const isRelative = this.rewriteUrls === Constants.RewriteUrls.LOCAL ? isPathLocalRelative : isPathRelative;\n\n return isRelative(path);\n};\n\ncontexts.Eval.prototype.rewritePath = function (path, rootpath) {\n let newPath;\n\n rootpath = rootpath || '';\n newPath = this.normalizePath(rootpath + path);\n\n // If a path was explicit relative and the rootpath was not an absolute path\n // we must ensure that the new path is also explicit relative.\n if (isPathLocalRelative(path) &&\n isPathRelative(rootpath) &&\n isPathLocalRelative(newPath) === false) {\n newPath = `./${newPath}`;\n }\n\n return newPath;\n};\n\ncontexts.Eval.prototype.normalizePath = function (path) {\n const segments = path.split('/').reverse();\n let segment;\n\n path = [];\n while (segments.length !== 0) {\n segment = segments.pop();\n switch (segment) {\n case '.':\n break;\n case '..':\n if ((path.length === 0) || (path[path.length - 1] === '..')) {\n path.push(segment);\n } else {\n path.pop();\n }\n break;\n default:\n path.push(segment);\n break;\n }\n }\n\n return path.join('/');\n};\n\nfunction isPathRelative(path) {\n return !/^(?:[a-z-]+:|\\/|#)/i.test(path);\n}\n\nfunction isPathLocalRelative(path) {\n return path.charAt(0) === '.';\n}\n\n// todo - do the same for the toCSS ?\n","function makeRegistry(base) {\n return {\n _data: {},\n add: function(name, func) {\n // precautionary case conversion, as later querying of\n // the registry by function-caller uses lower case as well.\n name = name.toLowerCase();\n\n if (this._data.hasOwnProperty(name)) {\n // TODO warn\n }\n this._data[name] = func;\n },\n addMultiple: function(functions) {\n Object.keys(functions).forEach(\n name => {\n this.add(name, functions[name]);\n });\n },\n get: function(name) {\n return this._data[name] || (base && base.get(name));\n },\n getLocalFunctions: function() {\n return this._data;\n },\n inherit: function() {\n return makeRegistry(this);\n },\n create: function(base) {\n return makeRegistry(base);\n }\n };\n}\n\nexport default makeRegistry(null);","import Keyword from '../tree/keyword';\n\nconst defaultFunc = {\n eval: function () {\n const v = this.value_;\n const e = this.error_;\n if (e) {\n throw e;\n }\n if (v != null) {\n return v ? Keyword.True : Keyword.False;\n }\n },\n value: function (v) {\n this.value_ = v;\n },\n error: function (e) {\n this.error_ = e;\n },\n reset: function () {\n this.value_ = this.error_ = null;\n }\n};\n\nexport default defaultFunc;\n","import Node from './node';\nimport Declaration from './declaration';\nimport Keyword from './keyword';\nimport Comment from './comment';\nimport Paren from './paren';\nimport Selector from './selector';\nimport Element from './element';\nimport Anonymous from './anonymous';\nimport contexts from '../contexts';\nimport globalFunctionRegistry from '../functions/function-registry';\nimport defaultFunc from '../functions/default';\nimport getDebugInfo from './debug-info';\nimport * as utils from '../utils';\n\nconst Ruleset = function(selectors, rules, strictImports, visibilityInfo) {\n this.selectors = selectors;\n this.rules = rules;\n this._lookups = {};\n this._variables = null;\n this._properties = null;\n this.strictImports = strictImports;\n this.copyVisibilityInfo(visibilityInfo);\n this.allowRoot = true;\n\n this.setParent(this.selectors, this);\n this.setParent(this.rules, this);\n}\n\nRuleset.prototype = Object.assign(new Node(), {\n type: 'Ruleset',\n isRuleset: true,\n\n isRulesetLike() { return true; },\n\n accept(visitor) {\n if (this.paths) {\n this.paths = visitor.visitArray(this.paths, true);\n } else if (this.selectors) {\n this.selectors = visitor.visitArray(this.selectors);\n }\n if (this.rules && this.rules.length) {\n this.rules = visitor.visitArray(this.rules);\n }\n },\n\n eval(context) {\n const that = this;\n let selectors;\n let selCnt;\n let selector;\n let i;\n let hasVariable;\n let hasOnePassingSelector = false;\n\n if (this.selectors && (selCnt = this.selectors.length)) {\n selectors = new Array(selCnt);\n defaultFunc.error({\n type: 'Syntax',\n message: 'it is currently only allowed in parametric mixin guards,'\n });\n\n for (i = 0; i < selCnt; i++) {\n selector = this.selectors[i].eval(context);\n for (var j = 0; j < selector.elements.length; j++) {\n if (selector.elements[j].isVariable) {\n

hasVariable = true;\n   break;\n   }\n   }\n   selectors[i] = selector;\n   if (selector.evaldCondition) {\n   hasOnePassingSelector = true;\n   }\n   }\n\n   if (hasVariable) {\n   const toParseSelectors = new Array(selCnt);\n   for (i = 0; i < selCnt; i++) {\n   selector = selectors[i];\n   toParseSelectors[i] = selector.toCSS(context);\n   }\n   this.parse.parseNode(\n   toParseSelectors.join(','),\n   [\"selectors\"], \n   selectors[0].getIndex(), \n   selectors[0].fileInfo(), \n   function(err, result) {\n   if (result) {\n   selectors = utils.flattenArray(result);\n   }\n   });\n   }\n\n   defaultFunc.reset();\n   } else {\n   hasOnePassingSelector = true;\n   }\n\n   let rules = this.rules ? utils.copyArray(this.rules) : null;\n   const ruleset = new Ruleset(selectors, rules, this.strictImports, this.visibilityInfo());\n   let rule;\n   let subRule;\n\n   ruleset.originalRuleset = this;\n   ruleset.root = this.root;\n   ruleset.firstRoot = this.firstRoot;\n   ruleset.allowImports = this.allowImports;\n\n   if (this.debugInfo) {\n   ruleset.debugInfo = this.debugInfo;\n   }\n\n   if (!hasOnePassingSelector) {\n   rules.length = 0;\n   }\n\n   // inherit a function registry from the frames stack when possible;\n   // otherwise from the global registry\n   ruleset.functionRegistry = (function (frames) {\n   let i = 0;\n   const n = frames.length;\n   let found;\n   for (; i !== n ; ++i) {\n   found = frames[i].functionRegistry;\n   if (found) { return found; }\n   }\n   return globalFunctionRegistry;\n   }(context.frames)).inherit();\n\n   // push the current ruleset to the frames stack\n   const ctxFrames = context.frames;\n   ctxFrames.unshift(ruleset);\n\n   // currrent selectors\n   let ctxSelectors = context.selectors;\n   if (!ctxSelectors) {\n   context.selectors = ctxSelectors = [];\n   }\n   ctxSelectors.unshift(this.selectors);\n\n   // Evaluate imports\n   if (ruleset.root || ruleset.allowImports || !ruleset.strictImports) {\n   ruleset.evalImports(context);\n   }\n\n   // Store the frames around mixin definitions,\n   // so they can be evaluated like closures when the time comes.\n   const rsRules = ruleset.rules;\n   for (i = 0; (rule = rsRules[i]); i++) {\n   if (rule.evalFirst) {\n   rsRules[i] = rule.eval(context);\n

    }\n   }\n\n   const mediaBlockCount = (context.mediaBlocks && context.mediaBlocks.length) || 0;\n\n   // Evaluate mixin calls.\n   for (i = 0; (rule = rsRules[i]); i++) {\n   if (rule.type === 'MixinCall') {\n   /* jshint loopfunc:true */\n   rules = rule.eval(context).filter(function(r) {\n   if ((r instanceof Declaration) && r.variable) {\n   // do not pollute the scope if the variable is\n   // already there. consider returning false here\n   // but we need a way to \"return\" variable from mixins\n   return !(ruleset.variable(r.name));\n   }\n   return true;\n   });\n   rsRules.splice.apply(rsRules, [i, 1].concat(rules));\n   i += rules.length - 1;\n   ruleset.resetCache();\n   } else if (rule.type === 'VariableCall') {\n   /* jshint loopfunc:true */\n   rules = rule.eval(context).rules.filter(function(r) {\n   if ((r instanceof Declaration) && r.variable) {\n   // do not pollute the scope at all\n   return false;\n   }\n   return true;\n   });\n   rsRules.splice.apply(rsRules, [i, 1].concat(rules));\n   i += rules.length - 1;\n   ruleset.resetCache();\n   }\n   }\n\n   // Evaluate everything else\n   for (i = 0; (rule = rsRules[i]); i++) {\n   if (!rule.evalFirst) {\n   rsRules[i] = rule = rule.eval ? rule.eval(context) : rule;\n   }\n   }\n\n   // Evaluate everything else\n   for (i = 0; (rule = rsRules[i]); i++) {\n   // for rulesets, check if it is a css guard and can be removed\n   if (rule instanceof Ruleset && rule.selectors && rule.selectors.length === 1) {\n   // check if it can be folded in (e.g. & where)\n   if (rule.selectors[0] && rule.selectors[0].isJustParentSelector()) {\n   rsRules.splice(i--, 1);\n\n   for (var j = 0; (subRule = rule.rules[j]); j++) {\n   if (subRule instanceof Node) {\n   subRule.copyVisibilityInfo(rule.visibilityInfo());\n   if (!(subRule instanceof Declaration) || !subRule.variable) {\n   rsRules.splice(++i, 0, subRule);\n   }\n   }\n   }\n   }\n   }\n   }\n\n   // Pop the stack\n   ctxFrames.shift();\n   ctxSelectors.shift();\n\n   if (context.mediaBlocks) {\n   for (i = mediaBlockCount; i < context.mediaBlocks.length; i++) {\n   context.mediaBlocks[i].bubbleSelectors(selectors);\n

}\n   }\n\n   return ruleset;\n   },\n\n   evalImports(context) {\n   const rules = this.rules;\n   let i;\n   let importRules;\n   if (!rules) { return; }\n\n   for (i = 0; i < rules.length; i++) {\n   if (rules[i].type === 'Import') {\n   importRules = rules[i].eval(context);\n   if (importRules && (importRules.length || importRules.length === 0)) {\n   rules.splice.apply(rules, [i, 1].concat(importRules));\n   i += importRules.length - 1;\n   } else {\n   rules.splice(i, 1, importRules);\n   }\n   this.resetCache();\n   }\n   }\n   },\n\n   makeImportant() {\n   const result = new Ruleset(this.selectors, this.rules.map(function (r) {\n   if (r.makeImportant) {\n   return r.makeImportant();\n   } else {\n   return r;\n   }\n   }), this.strictImports,
 this.visibilityInfo());\n\n   return result;\n   },\n\n   matchArgs(args) {\n   return !args || args.length === 0;\n   },\n\n   // lets you call a css selector with a guard\n   matchCondition(args, context) {\n   const lastSelector = this.selectors[this.selectors.length - 1];\n   if (!lastSelector.evaldCondition) {\n   return false;\n   }\n   if (lastSelector.condition &&\n   !lastSelector.condition.eval(\n   new contexts.Eval(context,\n   context.frames))) {\n   return false;\n   }\n   return true;\n   },\n\n   resetCache() {\n   this._rulesets = null;\n   this._variables = null;\n   this._properties = null;\n   this._lookups = {};\n   },\n\n   variables() {\n   if (!this._variables) {\n   this._variables = !this.rules ? {} : this.rules.reduce(function (hash, r) {\n   if (r instanceof Declaration && r.variable === true) {\n
            hash[r.name] = r;\n   }\n   // when evaluating variables in an import statement, imports have not been eval'd\n   // so we need to go inside import statements.\n   // guard against root being a string (in the case of inlined less)\n   if (r.type === 'Import' && r.root && r.root.variables) {\n const vars = r.root.variables();\n   for (const name in vars) {\n   if (vars.hasOwnProperty(name)) {\n   hash[name] = r.root.variable(name);\n   }\n   }\n   }\n   return hash;\n   }, {});\n   }\n   return this._variables;\n   },\n\n   properties() {\n   if (!this._properties) {\n   this._properties = !this.rules ? {} : this.rules.reduce(function (hash, r) {\n   if (r instanceof Declaration && r.variable !== true) {\n
        const name = (r.name.length === 1) && (r.name[0] instanceof Keyword) ?\n   r.name[0].value : r.name;\n   // Properties don't overwrite as they can merge\n   if (!hash[`$${name}`]) {\n   hash[`$${name}`] = [r];\n   }   else {\n   hash[`$${name}`].push(r);\n   }\n   }\n   return hash;\n   }, {});\n   }\n   return this._properties;\n   },\n\n   variable(name) {\n   const decl = this.variables()[name];\n   if (decl) {\n   return this.parseValue(decl);\n   }\n   },\n\n   property(name) {\n   const decl = this.properties()[name];\n   if (decl) {\n   return this.parseValue(decl);\n   }\n   },\n\n   lastDeclaration() {\n   for (let i = this.rules.length; i > 0; i--) {\n const decl = this.rules[i - 1];\n   if (decl
 instanceof Declaration) {\n   return this.parseValue(decl);\n   }\n   }\n   },\n\n   parseValue(toParse) {\n   const self = this;\n   function transformDeclaration(decl) {\n   if (decl.value instanceof Anonymous && !decl.parsed) {\n   if (typeof decl.value.value === 'string') {\n   this.parse.parseNode(\n   decl.value.value,\n   ['value', 'important'], \n   decl.value.getIndex(), \n   decl.fileInfo(), \n   function(err, result) {\n   if (err) {\n   decl.parsed = true;\n   }   if (result) {\n   decl.value = result[0];\n   decl.important = result[1] || '';\n   decl.parsed = true;\n   }\n   });\n   } else {\n   decl.parsed = true;\n   }\n\n   return decl;\n   }\n   else {\n   return decl;\n   }\n   }\n   if (!Array.isArray(toParse)) {\n   return transformDeclaration.call(self, toParse);\n   }   else {\n   const nodes = [];\n   toParse.forEach(function(n) {\n   nodes.push(transformDeclaration.call(self, n));\n   });\n   return nodes;\n   }\n   },\n\n   rulesets() {\n   if (!this.rules) { return []; }\n\n   const filtRules = [];\n   const rules = this.rules;\n   let i;\n   let rule;\n\n   for (i = 0; (rule = rules[i]); i++) {\n   if (rule.isRuleset) {\n   filtRules.push(rule);\n   }\n   }\n\n   return filtRules;\n   },\n\n   prependRule(rule) {\n   const rules = this.rules;\n   if (rules) {\n

rules.unshift(rule);\n   } else {\n   this.rules = [rule];\n   }\n   this.setParent(rule, this);\n   },\n\n   find(selector, self, filter) {\n   self = self || this;\n   const rules = [];\n   let match;\n   let foundMixins;\n   const key = selector.toCSS();\n\n   if (key in this._lookups) { return this._lookups[key]; }\n\n   this.rulesets().forEach(function (rule) {\n   if (rule !== self) {\n   for (let j = 0; j < rule.selectors.length; j++) {\n   match = selector.match(rule.selectors[j]);\n   if (match) {\n   if (selector.elements.length > match) {\n   if (!filter || filter(rule)) {\n   foundMixins = rule.find(new Selector(selector.elements.slice(match)), self, filter);\n   for (let i = 0; i < foundMixins.length; ++i) {\n   foundMixins[i].path.push(rule);\n   }\n   Array.prototype.push.apply(rules, foundMixins);\n   }\n   } else {\n   rules.push({ rule, path: []});\n   }\n   break;\n   }\n   }\n   }\n   });\n   this._lookups[key] = rules;\n   return rules;\n   },\n\n   genCSS(context, output) {\n   let i;\n   let j;\n   const charsetRuleNodes = [];\n   let ruleNodes = [];\n\n   let // Line number debugging\n   debugInfo;\n\n   let rule;\n   let path;\n\n   context.tabLevel = (context.tabLevel || 0);\n\n   if (!this.root) {\n   context.tabLevel++;\n   }\n\n   const tabRuleStr = context.compress ? '' : Array(context.tabLevel + 1).join(' ');\n   const tabSetStr = context.compress ? '' : Array(context.tabLevel).join('

');\n   let sep;\n\n   let charsetNodeIndex = 0;\n   let importNodeIndex = 0;\n   for (i = 0; (rule = this.rules[i]); i++) {\n   if (rule instanceof Comment) {\n   if (importNodeIndex === i) {\n   importNodeIndex++;\n   }\n   ruleNodes.push(rule);\n   } else if (rule.isCharset && rule.isCharset()) {\n   ruleNodes.splice(charsetNodeIndex, 0, rule);\n   charsetNodeIndex++;\n   importNodeIndex++;\n   } else if (rule.type === 'Import') {\n   ruleNodes.splice(importNodeIndex, 0, rule);\n   importNodeIndex++;\n   } else {\n   ruleNodes.push(rule);\n   }\n   }\n   ruleNodes = charsetRuleNodes.concat(ruleNodes);\n\n   // If this is the root node, we don't render\n   // a selector, or { }.\n   if (!this.root) {\n   debugInfo = getDebugInfo(context, this, tabSetStr);\n\n   if (debugInfo) {\n   output.add(debugInfo);\n   output.add(tabSetStr);\n   }\n\n   const paths = this.paths;\n   const pathCnt = paths.length;\n   let pathSubCnt;\n\n   sep = context.compress ? ',' : (`,\\n${tabSetStr}`);\n\n   for (i = 0; i < pathCnt; i++) {\n   path = paths[i];\n   if (!(pathSubCnt = path.length)) { continue; }\n   if (i > 0) { output.add(sep); }\n\n   context.firstSelector = true;\n   path[0].genCSS(context, output);\n\n   context.firstSelector = false;\n   for (j = 1; j < pathSubCnt; j++) {\n   path[j].genCSS(context, output);\n   }\n   }\n\n   output.add((context.compress ? '{' : ' {\\n') + tabRuleStr);\n   }\n\n   // Compile rules and rulesets\n   for (i = 0; (rule = ruleNodes[i]); i++) {\n\n   if (i + 1 === ruleNodes.length) {\n   context.lastRule = true;\n   }\n\n   const currentLastRule = context.lastRule;\n   if (rule.isRulesetLike(rule)) {\n   context.lastRule = false;\n   }\n\n   if (rule.genCSS) {\n   rule.genCSS(context, output);\n   } else if (rule.value) {\n   output.add(rule.value.toString());\n   }\n\n   context.lastRule = currentLastRule;\n\n   if (!context.lastRule && rule.isVisible()) {\n   output.add(context.compress ? '' : (`\\n${tabRuleStr}`));\n   } else {\n   context.lastRule = false;\n   }\n   }\n\n   if (!this.root) {\n   output.add((context.compress ? '}' : `\\n${tabSetStr}}`));\n   context.tabLevel--;\n   }\n\n   if (!output.isEmpty() && !context.compress && this.firstRoot) {\n   output.add('\\n');\n   }\n   },\n\n   joinSelectors(paths,

 context, selectors) {\n   for (let s = 0; s < selectors.length; s++) {\n   this.joinSelector(paths, context, selectors[s]);\n   }\n   },\n\n   joinSelector(paths, context, selector) {\n\n   function createParenthesis(elementsToPak, originalElement) {\n   let replacementParen, j;\n   if (elementsToPak.length === 0) {\n   replacementParen = new Paren(elementsToPak[0]);\n   } else {\n   const insideParent = new Array(elementsToPak.length);\n   for (j = 0; j < elementsToPak.length; j++) {\n   insideParent[j] = new Element(\n   null,\n   elementsToPak[j],\n   originalElement.isVariable,\n   originalElement._index,\n   originalElement._fileInfo\n

);\n   }\n   replacementParen = new Paren(new Selector(insideParent));\n   }\n   return replacementParen;\n   }\n\n   function createSelector(containedElement, originalElement) {\n   let element, selector;\n   element = new Element(null, containedElement, originalElement.isVariable, originalElement._index, originalElement._fileInfo);\n   selector = new Selector([element]);\n   return selector;\n   }\n\n   // joins selector path from `beginningPath` with selector path in `addPath`\n   // `replacedElement` contains element that is being replaced by `addPath`\n   // returns concatenated path\n   function addReplacementIntoPath(beginningPath, addPath, replacedElement, originalSelector) {\n   let newSelectorPath, lastSelector, newJoinedSelector;\n   // our new selector path\n   newSelectorPath = [];\n\n   // construct the joined selector - if & is the first thing this will be empty,\n   // if not newJoinedSelector will be the last set of elements in the selector\n   if (beginningPath.length > 0) {\n   newSelectorPath = utils.copyArray(beginningPath);\n   lastSelector = newSelectorPath.pop();\n   newJoinedSelector = originalSelector.createDerived(utils.copyArray(lastSelector.elements));\n   }\n   else {\n   newJoinedSelector = originalSelector.createDerived([]);\n   }\n\n   if (addPath.length > 0) {\n   // /deep/ is a CSS4 selector - (removed, so should deprecate)\n   // that is valid without anything in front of it\n   // so if the & does not have a combinator that is \"\" or \" \" then\n   // and there is a combinator on the parent, then grab that.\n   // this also allows + a { & .b { .a & { ... though not sure why you would want to do that\n   let combinator = replacedElement.combinator;\n\n   const parentEl = addPath[0].elements[0];\n   if (combinator.emptyOrWhitespace && !parentEl.combinator.emptyOrWhitespace) {\n   combinator = parentEl.combinator;\n   }\n   // join the elements so far with the first part of the parent\n   newJoinedSelector.elements.push(new Element(\n   combinator,\n   parentEl.value,\n   replacedElement.isVariable,\n   replacedElement._index,\n   replacedElement._fileInfo\n   ));\n   newJoinedSelector.elements = newJoinedSelector.elements.concat(addPath[0].elements.slice(1));\n   }\n\n   // now add the joined selector - but only if it is not empty\n   if (newJoinedSelector.elements.length !== 0) {\n   newSelectorPath.push(newJoinedSelector);\n   }\n\n   // put together the parent selectors after the join (e.g. the rest of the parent)\n   if (addPath.length > 1) {\n   let restOfPath = addPath.slice(1);\n   restOfPath = restOfPath.map(function (selector) {\n   return selector.createDerived(selector.elements, []);\n   });\n   newSelectorPath = newSelectorPath.concat(restOfPath);\n   }\n   return newSelectorPath;\n   }\n\n   // joins selector path from `beginningPath` with every selector path in `addPaths` array\n   // `replacedElement` contains element that is being replaced by `addPath`\n   // returns array with all concatenated paths\n   function addAllReplacementsIntoPath(beginningPath, addPaths, replacedElement, originalSelector, result) {\n   let j;\n   for (j = 0; j < beginningPath.length; j++) {\n   const newSelectorPath = addReplacementIntoPath(beginningPath[j], addPaths, replacedElement, originalSelector);\n   result.push(newSelectorPath);\n   }\n   return result;\n   }\n\n   function mergeElementsOnToSelectors(elements, selectors) {\n   let i, sel;\n\n   if (elements.length === 0) {\n   return ;\n   }\n   if (selectors.length === 0) {\n   selectors.push([new Selector(elements)]);\n   return;\n   }\n\n   for (i = 0; (sel = selectors[i]); i++) {\n   // if the previous thing in sel is a parent this needs to join on to it\n   if (sel.length > 0) {\n   sel[sel.length - 1] = sel[sel.length - 1].createDerived(sel[sel.length - 1].elements.concat(elements));\n   }\n   else {\n   sel.push(new Selector(elements));\n   }\n   }\n   }\n\n   // replace all parent selectors inside `inSelector` by content of `context` array\n   // resulting selectors are returned inside `paths` array\n   // returns true if `inSelector` contained at least one parent selector\n   function replaceParentSelector(paths, context, inSelector) {\n   // The paths are [[Selector]]\n   // The first list is a list of comma separated selectors\n   // The inner list is a list of inheritance separated selectors\n   // e.g.\n   // .a, .b {\n   // .c {\n   // }\n   // }\n

```
        // == [[.a] [.c]] [[.b] [.c]]\n              //\n              let i, j, k, currentElements, newSelectors, selectorsMultiplied, sel,
el, hadParentSelector = false, length, lastSelector;\n              function findNestedSelector(element) {\n              let
maybeSelector;\n              if (!(element.value instanceof Paren)) {\n              return null;\n              }\n\n
  maybeSelector = element.value.value;\n              if (!(maybeSelector instanceof Selector)) {\n              return
null;\n              }\n\n              return maybeSelector;\n
        }\n\n          // the elements from the current selector so far\n          currentElements = [];\n          // the
current list of new selectors to add to the path.\n          // We will build it up. We initiate it with one empty selector
as we \"multiply\" the new selectors\n          // by the parents\n          newSelectors = [\n              []\n          ];\n\n
        for (i = 0; (el = inSelector.elements[i]); i++) {\n          // non parent reference elements just get added\n
        if (el.value !== '&') {\n              const nestedSelector = findNestedSelector(el);\n              if
(nestedSelector != null) {\n              // merge the current list of non parent selector elements\n              //
on to the current list of selectors to add\n              mergeElementsOnToSelectors(currentElements,
newSelectors);\n\n              const nestedPaths = [];\n
        let replaced;\n              const replacedNewSelectors = [];\n              replaced =
replaceParentSelector(nestedPaths, context, nestedSelector);\n              hadParentSelector = hadParentSelector
|| replaced;\n              // the nestedPaths array should have only one member - replaceParentSelector does not
multiply selectors\n              for (k = 0; k < nestedPaths.length; k++) {\n              const
replacementSelector = createSelector(createParenthesis(nestedPaths[k], el), el);\n
addAllReplacementsIntoPath(newSelectors, [replacementSelector], el, inSelector, replacedNewSelectors);\n
        }\n              newSelectors = replacedNewSelectors;\n              currentElements = [];\n              }
else {\n              currentElements.push(el);\n              }\n\n              } else {\n
hadParentSelector
 = true;\n              // the new list of selectors to add\n              selectorsMultiplied = [];\n\n              //
merge the current list of non parent selector elements\n              // on to the current list of selectors to add\n
    mergeElementsOnToSelectors(currentElements, newSelectors);\n\n              // loop through our current
selectors\n              for (j = 0; j < newSelectors.length; j++) {\n              sel = newSelectors[j];\n
  // if we don't have any parent paths, the & might be in a mixin so that it can be used\n              // whether
there are parents or not\n              if (context.length === 0) {\n              // the combinator used on el
should now be applied to the next element instead so that\n              // it is not lost\n              if
(sel.length > 0) {\n              sel[0].elements.push(new
 Element(el.combinator, '', el.isVariable, el._index, el._fileInfo));\n              }\n
selectorsMultiplied.push(sel);\n              }\n              else {\n              // and the parent
selectors\n              for (k = 0; k < context.length; k++) {\n              // We need to put the current
selectors\n              // then join the last selector's elements on to the parents selectors\n
const newSelectorPath = addReplacementIntoPath(sel, context[k], el, inSelector);\n              // add that to
our new set of selectors\n              selectorsMultiplied.push(newSelectorPath);\n              }\n
        }\n              }\n\n              // our new selectors has been multiplied, so reset the state\n
newSelectors
 = selectorsMultiplied;\n              currentElements = [];\n              }\n              }\n\n          // if we have any
elements left over (e.g. .a& .b == .b)\n          // add them on to all the current selectors\n
mergeElementsOnToSelectors(currentElements, newSelectors);\n\n          for (i = 0; i < newSelectors.length; i++)
{\n          length = newSelectors[i].length;\n          if (length > 0) {\n
paths.push(newSelectors[i]);\n          lastSelector = newSelectors[i][length - 1];\n
newSelectors[i][length - 1] = lastSelector.createDerived(lastSelector.elements, inSelector.extendList);\n
}\n          }\n\n          return hadParentSelector;\n          }\n\n          function deriveSelector(visibilityInfo, deriveFrom)
{\n          const newSelector = deriveFrom.createDerived(deriveFrom.elements, deriveFrom.extendList,
deriveFrom.evaldCondition);\n          newSelector.copyVisibilityInfo(visibilityInfo);\n
```

return newSelector;\n   }\n\n   // joinSelector code follows\n   let i, newPaths, hadParentSelector;\n\n   newPaths = [];\n   hadParentSelector = replaceParentSelector(newPaths, context, selector);\n\n   if (!hadParentSelector) {\n   if (context.length > 0) {\n   newPaths = [];\n   for (i = 0; i < context.length; i++) {\n\n   const concatenated = context[i].map(deriveSelector.bind(this, selector.visibilityInfo()));\n\n   concatenated.push(selector);\n   newPaths.push(concatenated);\n   }\n   } else {\n   newPaths = [[selector]];\n   }\n   }\n\n   for (i = 0; i < newPaths.length; i++) {\n   paths.push(newPaths[i]);\n   }\n   }\n});\n\nexport default Ruleset;\n","import Node from './node';\nimport Selector from './selector';\nimport Ruleset from './ruleset';\nimport

Anonymous from './anonymous';\n\nconst AtRule = function(\n   name,\n   value,\n   rules,\n   index,\n   currentFileInfo,\n   debugInfo,\n   isRooted,\n   visibilityInfo)\n) {\n   let i;\n\n   this.name = name;\n   this.value = (value instanceof Node) ? value : (value ? new Anonymous(value) : value);\n   if (rules) {\n   if (Array.isArray(rules)) {\n   this.rules = rules;\n   } else {\n   this.rules = [rules];\n   this.rules[0].selectors = (new Selector([], null, null, index, currentFileInfo)).createEmptySelectors();\n   }\n   for (i = 0; i < this.rules.length; i++) {\n   this.rules[i].allowImports = true;\n   }\n   this.setParent(this.rules, this);\n   }\n   this._index = index;\n   this._fileInfo = currentFileInfo;\n   this.debugInfo = debugInfo;\n   this.isRooted = isRooted || false;\n   this.copyVisibilityInfo(visibilityInfo);\n   this.allowRoot = true;\n}\n\nAtRule.prototype = Object.assign(new

Node(), {\n   type: 'AtRule',\n   accept(visitor) {\n   const value = this.value, rules = this.rules;\n   if (rules) {\n   this.rules = visitor.visitArray(rules);\n   }\n   if (value) {\n   this.value = visitor.visit(value);\n   }\n   },\n\n   isRulesetLike() {\n   return this.rules || !this.isCharset();\n   },\n\n   isCharset() {\n   return '@charset' === this.name;\n   },\n\n   genCSS(context, output) {\n   const value = this.value, rules = this.rules;\n   output.add(this.name, this.fileInfo(), this.getIndex());\n   if (value) {\n   output.add(' ');\n   value.genCSS(context, output);\n   }\n   if (rules) {\n   this.outputRuleset(context, output, rules);\n   } else {\n   output.add(';');\n   }\n   },\n\n   eval(context) {\n   let mediaPathBackup, mediaBlocksBackup,\n   value = this.value, rules = this.rules;\n\n   // media stored inside

other atrule should not bubble over it\n   // backpup media bubbling information\n   mediaPathBackup = context.mediaPath;\n   mediaBlocksBackup = context.mediaBlocks;\n   // deleted media bubbling information\n   context.mediaPath = [];\n   context.mediaBlocks = [];\n\n   if (value) {\n   value = value.eval(context);\n   }\n   if (rules) {\n   // assuming that there is only one rule at this point - that is how parser constructs the rule\n   rules = [rules[0].eval(context)];\n   rules[0].root = true;\n   }\n   // restore media bubbling information\n   context.mediaPath = mediaPathBackup;\n   context.mediaBlocks = mediaBlocksBackup;\n\n   return new AtRule(this.name, value, rules,\n   this.getIndex(), this.fileInfo(), this.debugInfo, this.isRooted, this.visibilityInfo());\n   },\n\n   variable(name) {\n   if (this.rules) {\n   // assuming that there is only

one rule at this point - that is how parser constructs the rule\n   return Ruleset.prototype.variable.call(this.rules[0], name);\n   }\n   },\n\n   find() {\n   if (this.rules) {\n   // assuming that there is only one rule at this point - that is how parser constructs the rule\n   return Ruleset.prototype.find.apply(this.rules[0], arguments);\n   }\n   },\n\n   rulesets() {\n   if (this.rules) {\n   // assuming that there is only one rule at this point - that is how parser constructs the rule\n   return Ruleset.prototype.rulesets.apply(this.rules[0]);\n   }\n   },\n\n   outputRuleset(context, output, rules) {\n   const ruleCnt = rules.length;\n   let i;\n   context.tabLevel = (context.tabLevel | 0) + 1;\n\n   // Compressed\n   if (context.compress) {\n   output.add('{');\n   for (i = 0; i < ruleCnt; i++) {\n   rules[i].genCSS(context, output);\n

            }\n   output.add('}');\n   context.tabLevel--;\n   return;\n   }\n\n   // Non-compressed\n   const tabSetStr = `\n${Array(context.tabLevel).join('  ')}`, tabRuleStr = `${tabSetStr}  `;\n   if (!ruleCnt) {\n   output.add(` {${tabSetStr}}`);\n   } else {\n   output.add(` {${tabRuleStr}`);\n   rules[0].genCSS(context, output);\n   for (i = 1; i < ruleCnt; i++) {\n   output.add(tabRuleStr);\n

rules[i].genCSS(context, output);\n   }\n   output.add(`${tabSetStr}}`);\n   }\n\n
context.tabLevel--;\n   }\n});\n\nexport default AtRule;\n","import Node from './node';\nimport contexts from
'../contexts';\nimport * as utils from '../utils';\n\nconst DetachedRuleset = function(ruleset, frames) {\n   this.ruleset
= ruleset;\n   this.frames = frames;\n   this.setParent(this.ruleset, this);\n};\n\nDetachedRuleset.prototype =
Object.assign(new Node(),

 {\n   type: 'DetachedRuleset',\n   evalFirst: true,\n\n   accept(visitor) {\n   this.ruleset =
visitor.visit(this.ruleset);\n   },\n\n   eval(context) {\n   const frames = this.frames ||
utils.copyArray(context.frames);\n   return new DetachedRuleset(this.ruleset, frames);\n   },\n\n
callEval(context) {\n   return this.ruleset.eval(this.frames ? new contexts.Eval(context,
this.frames.concat(context.frames)) : context);\n   }\n});\n\nexport default DetachedRuleset;\n","import Node from
'./node';\nimport unitConversions from '../data/unit-conversions';\nimport * as utils from '../utils';\n\nconst Unit =
function(numerator, denominator, backupUnit) {\n   this.numerator = numerator ? utils.copyArray(numerator).sort()
: [];\n   this.denominator = denominator ? utils.copyArray(denominator).sort() : [];\n   if (backupUnit) {\n
this.backupUnit = backupUnit;\n   } else if (numerator && numerator.length) {\n   this.backupUnit =
numerator[0];\n   }\n};\n\nUnit.prototype

 = Object.assign(new Node(), {\n   type: 'Unit',\n\n   clone() {\n   return new
Unit(utils.copyArray(this.numerator), utils.copyArray(this.denominator), this.backupUnit);\n   },\n\n
genCSS(context, output) {\n   // Dimension checks the unit is singular and throws an error if in strict math
mode.\n   const strictUnits = context && context.strictUnits;\n   if (this.numerator.length === 1) {\n
output.add(this.numerator[0]); // the ideal situation\n   } else if (!strictUnits && this.backupUnit) {\n
output.add(this.backupUnit);\n   } else if (!strictUnits && this.denominator.length) {\n
output.add(this.denominator[0]);\n   }\n   },\n\n   toString() {\n   let i, returnStr = this.numerator.join('*');\n
 for (i = 0; i < this.denominator.length; i++) {\n   returnStr += `/${this.denominator[i]}`;\n   }\n   return
returnStr;\n   },\n\n   compare(other) {\n   return

 this.is(other.toString()) ? 0 : undefined;\n   },\n\n   is(unitString) {\n   return this.toString().toUpperCase() ===
unitString.toUpperCase();\n   },\n\n   isLength() {\n   return
RegExp('^(px|em|ex|ch|rem|in|cm|mm|pc|pt|ex|vw|vh|vmin|vmax)$', 'gi').test(this.toCSS());\n   },\n\n   isEmpty() {\n
    return this.numerator.length === 0 && this.denominator.length === 0;\n   },\n\n   isSingular() {\n   return
this.numerator.length <= 1 && this.denominator.length === 0;\n   },\n\n   map(callback) {\n   let i;\n\n   for
(i = 0; i < this.numerator.length; i++) {\n   this.numerator[i] = callback(this.numerator[i], false);\n   }\n\n
 for (i = 0; i < this.denominator.length; i++) {\n   this.denominator[i] = callback(this.denominator[i], true);\n
}\n   },\n\n   usedUnits() {\n   let group;\n   const result = {};\n   let mapUnit;\n   let groupName;\n\n
   mapUnit = function (atomicUnit) {\n

     /* jshint loopfunc:true */\n   if (group.hasOwnProperty(atomicUnit) && !result[groupName]) {\n
result[groupName] = atomicUnit;\n   }\n\n   return atomicUnit;\n   };\n\n   for (groupName in
unitConversions) {\n   if (unitConversions.hasOwnProperty(groupName)) {\n   group =
unitConversions[groupName];\n\n   this.map(mapUnit);\n   }\n   }\n\n   return result;\n   },\n\n
cancel() {\n   const counter = {};\n   let atomicUnit;\n   let i;\n\n   for (i = 0; i < this.numerator.length;
i++) {\n   atomicUnit = this.numerator[i];\n   counter[atomicUnit] = (counter[atomicUnit] || 0) + 1;\n
}\n\n   for (i = 0; i < this.denominator.length; i++) {\n   atomicUnit = this.denominator[i];\n
counter[atomicUnit] = (counter[atomicUnit] || 0) - 1;\n   }\n\n   this.numerator = [];\n   this.denominator =
[];\n\n

     for (atomicUnit in counter) {\n   if (counter.hasOwnProperty(atomicUnit)) {\n   const count =
counter[atomicUnit];\n\n   if (count > 0) {\n   for (i = 0; i < count; i++) {\n
this.numerator.push(atomicUnit);\n   }\n   } else if (count < 0) {\n   for (i = 0; i < -
count; i++) {\n   this.denominator.push(atomicUnit);\n   }\n   }\n   }\n
}\n\n   this.numerator.sort();\n   this.denominator.sort();\n   }\n});\n\nexport default Unit;\n","import Node
from './node';\nimport unitConversions from '../data/unit-conversions';\nimport Unit from './unit';\nimport Color

from './color';\n\n//\n// A number with a unit\n//\nconst Dimension = function(value, unit) {\n   this.value = parseFloat(value);\n   if (isNaN(this.value)) {\n   throw new Error('Dimension is not a number.');\n   }\n   this.unit = (unit && unit instanceof Unit) ? unit :\n   new Unit(unit ? [unit] : undefined);\n   this.setParent(this.unit, this);\n};\n\nDimension.prototype = Object.assign(new Node(), {\n   type: 'Dimension',\n\n   accept(visitor) {\n   this.unit = visitor.visit(this.unit);\n   },\n\n   eval(context) {\n   return this;\n   },\n\n   toColor() {\n   return new Color([this.value, this.value, this.value]);\n   },\n\n   genCSS(context, output) {\n   if ((context && context.strictUnits) && !this.unit.isSingular()) {\n   throw new Error(`Multiple units in dimension. Correct the units or use the unit function. Bad unit: ${this.unit.toString()}`);\n   }\n\n   const value = this.fround(context, this.value);\n   let strValue = String(value);\n\n   if (value !== 0 && value < 0.000001 && value > -0.000001) {\n   // would be output 1e-6 etc.\n   strValue = value.toFixed(20).replace(/0+$/, '');\n   }\n\n   if (context && context.compress) {\n   // Zero values doesn't need a unit\n   if (value === 0 && this.unit.isLength()) {\n   output.add(strValue);\n   return;\n   }\n\n   // Float values doesn't need a leading zero\n   if (value > 0 && value < 1) {\n   strValue = (strValue).substr(1);\n   }\n   }\n\n   output.add(strValue);\n   this.unit.genCSS(context, output);\n   },\n\n   // In an operation between two Dimensions,\n   // we default to the first Dimension's unit,\n   // so `1px + 2` will yield `3px`.\n   operate(context, op, other) {\n   /* jshint noempty:false */\n   let value = this._operate(context, op, this.value, other.value);\n   let unit = this.unit.clone();\n\n   if (op === '+' || op === '-') {\n   if (unit.numerator.length === 0 && unit.denominator.length === 0) {\n   unit = other.unit.clone();\n   if (this.unit.backupUnit) {\n   unit.backupUnit = this.unit.backupUnit;\n   }\n   } else if (other.unit.numerator.length === 0 && unit.denominator.length === 0) {\n   // do nothing\n   } else {\n   other = other.convertTo(this.unit.usedUnits());\n\n   if (context.strictUnits && other.unit.toString() !== unit.toString()) {\n   throw new Error(`Incompatible units. Change the units or use the unit function. \n` + `Bad units: '${unit.toString()}' and '${other.unit.toString()}'.`);\n   }\n\n   value = this._operate(context, op, this.value, other.value);\n   }\n   } else if (op === '*') {\n   unit.numerator = unit.numerator.concat(other.unit.numerator).sort();\n   unit.denominator = unit.denominator.concat(other.unit.denominator).sort();\n   unit.cancel();\n   } else if (op === '/') {\n   unit.numerator = unit.numerator.concat(other.unit.denominator).sort();\n   unit.denominator = unit.denominator.concat(other.unit.numerator).sort();\n   unit.cancel();\n   }\n   return new Dimension(value, unit);\n   },\n\n   compare(other) {\n   let a, b;\n\n   if (!(other instanceof Dimension)) {\n   return undefined;\n   }\n\n   if (this.unit.isEmpty() || other.unit.isEmpty()) {\n   a = this;\n   b = other;\n   } else {\n   a = this.unify();\n   b = other.unify();\n   if (a.unit.compare(b.unit) !== 0) {\n   return undefined;\n   }\n   }\n\n   return Node.numericCompare(a.value, b.value);\n   },\n\n   unify() {\n   return this.convertTo({ length: 'px', duration: 's', angle: 'rad' });\n   },\n\n   convertTo(conversions) {\n   let value = this.value;\n   const unit = this.unit.clone();\n   let i;\n   let groupName;\n   let group;\n   let targetUnit;\n   let derivedConversions = {};\n   let applyUnit;\n\n   if (typeof conversions === 'string') {\n   for (i in unitConversions) {\n   if (unitConversions[i].hasOwnProperty(conversions)) {\n   derivedConversions = {};\n   derivedConversions[i] = conversions;\n   }\n   }\n   conversions = derivedConversions;\n   }\n   applyUnit = function (atomicUnit, denominator) {\n   /* jshint loopfunc:true */\n   if (group.hasOwnProperty(atomicUnit)) {\n   if (denominator) {\n   value = value / (group[atomicUnit] / group[targetUnit]);\n   } else {\n   value = value * (group[atomicUnit] / group[targetUnit]);\n   }\n\n   return targetUnit;\n   }\n\n   return atomicUnit;\n   };\n\n   for (groupName in conversions) {\n   if (conversions.hasOwnProperty(groupName))

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{\n                     targetUnit = conversions[groupName];\n                     group = unitConversions[groupName];\n\n
unit.map(applyUnit);\n              }\n         }\n\n      unit.cancel();\n\n      return new Dimension(value, unit);\n
}\n});\n\nexport default Dimension;\n","import Node from './node';\nimport Color from './color';\nimport Dimension
from './dimension';\nimport * as Constants from '../constants';\nconst MATH = Constants.Math;\n\n\nconst
Operation = function(op, operands, isSpaced) {\n    this.op = op.trim();\n    this.operands = operands;\n
this.isSpaced = isSpaced;\n};\n\nOperation.prototype = Object.assign(new Node(), {\n    type: 'Operation',\n\n
accept(visitor) {\n        this.operands = visitor.visitArray(this.operands);\n    },\n\n    eval(context) {\n        let a =
this.operands[0].eval(context), b = this.operands[1].eval(context), op;\n\n        if (context.isMathOn(this.op)) {\n
op = this.op === './'
? '/' : this.op;\n            if (a instanceof Dimension && b instanceof Color) {\n                a = a.toColor();\n            }\n
if (b instanceof Dimension && a instanceof Color) {\n                b = b.toColor();\n            }\n            if
(!a.operate || !b.operate) {\n                if (\n                    (a instanceof Operation || b instanceof Operation)\n
&& a.op === '/' && context.math === MATH.PARENS_DIVISION\n                ) {\n                    return new
Operation(this.op, [a, b], this.isSpaced);\n                }\n                throw { type: 'Operation',\n                    message:
'Operation on an invalid type' };\n            }\n\n            return a.operate(context, op, b);\n        } else {\n            return
new Operation(this.op, [a, b], this.isSpaced);\n        }\n    },\n\n    genCSS(context, output) {\n
this.operands[0].genCSS(context, output);\n        if (this.isSpaced) {\n            output.add(' ');\n
}\n        output.add(this.op);\n        if (this.isSpaced) {\n            output.add(' ');\n        }\n
this.operands[1].genCSS(context, output);\n    }\n});\n\nexport default Operation;\n","import Node from
'./node';\nimport Paren from './paren';\nimport Comment from './comment';\nimport Dimension from
'./dimension';\n\nconst Expression = function(value, noSpacing) {\n    this.value = value;\n    this.noSpacing =
noSpacing;\n    if (!value) {\n        throw new Error('Expression requires an array parameter');\n
}\n};\n\nExpression.prototype = Object.assign(new Node(), {\n    type: 'Expression',\n\n    accept(visitor) {\n
this.value = visitor.visitArray(this.value);\n    },\n\n    eval(context) {\n        let returnValue;\n        const mathOn =
context.isMathOn();\n        const inParenthesis = this.parens;\n\n        let doubleParen = false;\n        if
(inParenthesis) {\n            context.inParenthesis();\n        }\n        if (this.value.length > 1) {\n
returnValue = new Expression(this.value.map(function (e) {\n            if (!e.eval) {\n                    return e;\n
}\n            return e.eval(context);\n            }), this.noSpacing);\n        } else if (this.value.length === 1)
{\n            if (this.value[0].parens && !this.value[0].parensInOp && !context.inCalc) {\n                doubleParen =
true;\n            }\n            returnValue = this.value[0].eval(context);\n        } else {\n            returnValue = this;\n
}\n        if (inParenthesis) {\n            context.outOfParenthesis();\n        }\n        if (this.parens && this.parensInOp
&& !mathOn && !doubleParen \n            && (!(returnValue instanceof Dimension))) {\n            returnValue = new
Paren(returnValue);\n        }\n        return returnValue;\n    },\n\n    genCSS(context, output) {\n        for (let i = 0; i <
this.value.length; i++) {\n            this.value[i].genCSS(context, output);\n            if
(!this.noSpacing && i + 1 < this.value.length) {\n                output.add(' ');\n            }\n        }\n    },\n\n
throwAwayComments() {\n        this.value = this.value.filter(function(v) {\n            return !(v instanceof
Comment);\n        });\n    }\n});\n\nexport default Expression;\n","import Expression from
'../tree/expression';\n\nclass functionCaller {\n    constructor(name, context, index, currentFileInfo) {\n
this.name = name.toLowerCase();\n        this.index = index;\n        this.context = context;\n        this.currentFileInfo
= currentFileInfo;\n\n        this.func = context.frames[0].functionRegistry.get(this.name);\n    }\n\n    isValid() {\n
return Boolean(this.func);\n    }\n\n    call(args) {\n        if (!(Array.isArray(args))) {\n            args = [args];\n
}\n        const evalArgs = this.func.evalArgs;\n        if (evalArgs !== false) {\n            args = args.map(a =>
a.eval(this.context));\n        }\n        const commentFilter
= item => !(item.type === 'Comment');\n\n        // This code is terrible and should be replaced as per this issue...\n
// https://github.com/less/less.js/issues/2477\n        args = args\n            .filter(commentFilter)\n            .map(item
=> {\n            if (item.type === 'Expression') {\n                const subNodes = item.value.filter(commentFilter);\n
if (subNodes.length === 1) {\n                    // https://github.com/less/less.js/issues/3616\n
if (item.parens && subNodes[0].op === '/') {\n                        return item;\n                    }\n
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return subNodes[0];\n } else {\n return new Expression(subNodes);\n }\n
}\n return item;\n });\n\n if (evalArgs === false) {\n return this.func(this.context, ...args);\n }\n\n return this.func(...args);\n
}\n}\n\nexport default functionCaller;\n","/*!

/\r\n/ global Reflect, Promise */\r\n\r\nvar extendStatics = function(d, b) {\r\n extendStatics = Object.setPrototypeOf ||\r\n ({ __proto__: [] } instanceof Array && function (d, b) { d.__proto__ = b; }) ||\r\n function (d, b) { for (var p in b) if (Object.prototype.hasOwnProperty.call(b, p)) d[p] = b[p]; };\r\n return extendStatics(d, b);\r\n};\r\n\r\nexport function __extends(d, b) {\r\n if (typeof b !== \"function\" && b !== null)\r\n throw new TypeError(\"Class extends value \" + String(b) + \" is not a constructor or null\");\r\n extendStatics(d, b);\r\n function __() { this.constructor = d; }\r\n d.prototype = b === null ? Object.create(b) : (__.prototype = b.prototype, new __());\r\n}\r\n\r\nexport var __assign = function() {\r\n __assign = Object.assign || function __assign(t) {\r\n for (var s, i = 1, n = arguments.length; i < n; i++) {\r\n s = arguments[i];\r\n for (var p in s) if (Object.prototype.hasOwnProperty.call(s, p)) t[p] = s[p];\r\n }\r\n return t;\r\n }\r\n return __assign.apply(this, arguments);\r\n}\r\n\r\nexport function __rest(s, e) {\r\n var t = {};\r\n for (var p in s) if (Object.prototype.hasOwnProperty.call(s, p) && e.indexOf(p) < 0)\r\n t[p] = s[p];\r\n if (s != null && typeof Object.getOwnPropertySymbols === \"function\")\r\n for (var i = 0, p = Object.getOwnPropertySymbols(s); i < p.length; i++) {\r\n if (e.indexOf(p[i]) < 0 && Object.prototype.propertyIsEnumerable.call(s, p[i]))\r\n t[p[i]] = s[p[i]];\r\n }\r\n return t;\r\n}\r\n\r\nexport function __decorate(decorators, target, key, desc) {\r\n var c = arguments.length, r = c < 3 ? target : desc === null ? desc = Object.getOwnPropertyDescriptor(target, key) : desc, d;\r\n if (typeof Reflect === \"object\" && typeof Reflect.decorate === \"function\") r = Reflect.decorate(decorators, target, key, desc);\r\n else for (var i = decorators.length - 1; i >= 0; i--) if (d = decorators[i]) r = (c < 3 ? d(r) : c > 3 ? d(target, key, r) : d(target, key)) || r;\r\n return c > 3 && r && Object.defineProperty(target, key, r), r;\r\n}\r\n\r\nexport function __param(paramIndex, decorator) {\r\n return function (target, key) { decorator(target, key, paramIndex); }\r\n}\r\n\r\nexport function __metadata(metadataKey, metadataValue) {\r\n if (typeof Reflect === \"object\" && typeof Reflect.metadata === \"function\") return Reflect.metadata(metadataKey, metadataValue);\r\n}\r\n\r\nexport function __awaiter(thisArg, _arguments, P, generator) {\r\n function adopt(value) { return value instanceof P ? value : new P(function (resolve) { resolve(value); }); }\r\n return new (P || (P = Promise))(function (resolve, reject) {\r\n function fulfilled(value) { try { step(generator.next(value)); } catch (e) { reject(e); } }\r\n function rejected(value) { try { step(generator[\"throw\"](value)); } catch (e) { reject(e); } }\r\n function step(result) { result.done ? resolve(result.value) : adopt(result.value).then(fulfilled, rejected); }\r\n step((generator = generator.apply(thisArg, _arguments || [])).next());\r\n });\r\n}\r\n\r\nexport function __generator(thisArg, body) {\r\n var _ = { label: 0, sent: function() { if (t[0] & 1) throw t[1]; return t[1]; }, trys: [], ops: [] }, f, y, t, g;\r\n return g = { next: verb(0), \"throw\": verb(1), \"return\": verb(2) }, typeof Symbol === \"function\" && (g[Symbol.iterator] = function() { return this; }), g;\r\n function verb(n) { return function (v) { return step([n, v]); }; }\r\n function step(op) {\r\n if (f) throw new TypeError(\"Generator is already executing.\");\r\n while (_) try {\r\n if (f = 1, y && (t = op[0] & 2 ? y[\"return\"] : op[0] ? y[\"throw\"] ||

((t = y[\"return\"]) && t.call(y), 0) : y.next) && !(t = t.call(y, op[1])).done) return t;\r\n   if (y = 0, t) op = [op[0] & 2, t.value];\r\n   switch (op[0]) {\r\n   case 0: case 1: t = op; break;\r\n   case 4: _.label++; return { value: op[1], done: false };\r\n   case 5: _.label++; y = op[1]; op = [0]; continue;\r\n   case 7: op = _.ops.pop(); _.trys.pop(); continue;\r\n   default:\r\n   if (!(t = _.trys, t = t.length > 0 && t[t.length - 1]) && (op[0] === 6 || op[0] === 2)) { _ = 0; continue; }\r\n   if (op[0] === 3 && (!t || (op[1] > t[0] && op[1] < t[3]))) { _.label = op[1]; break; }\r\n   if (op[0] === 6 && _.label < t[1]) { _.label = t[1]; t = op; break; }\r\n   if (t && _.label < t[2]) { _.label = t[2]; _.ops.push(op); break; }\r\n   if (t[2]) _.ops.pop();\r\n   _.trys.pop(); continue;\r\n   }\r\n   op = body.call(thisArg, _);\r\n   } catch (e) { op = [6, e]; y = 0; } finally { f = t = 0; }\r\n   if (op[0] & 5) throw op[1]; return { value: op[0] ? op[1] : void 0, done: true };\r\n}\r\n\r\n\r\nexport

var __createBinding = Object.create ? (function(o, m, k, k2) {\r\n   if (k2 === undefined) k2 = k;\r\n   Object.defineProperty(o, k2, { enumerable: true, get: function() { return m[k]; } });\r\n}) : (function(o, m, k, k2) {\r\n   if (k2 === undefined) k2 = k;\r\n   o[k2] = m[k];\r\n});\r\n\r\nexport function __exportStar(m, o) {\r\n   for (var p in m) if (p !== \"default\" && !Object.prototype.hasOwnProperty.call(o, p)) __createBinding(o, m, p);\r\n}\r\n\r\nexport function __values(o) {\r\n   var s = typeof Symbol === \"function\" && Symbol.iterator, m = s && o[s], i = 0;\r\n   if (m) return m.call(o);\r\n   if (o && typeof o.length === \"number\") return {\r\n   next: function () {\r\n   if (o && i >= o.length) o = void 0;\r\n   return { value: o && o[i++], done: !o };\r\n   }\r\n   };\r\n   throw new TypeError(s ? \"Object is not iterable.\" : \"Symbol.iterator is not defined.\");\r\n}\r\n\r\nexport function __read(o, n) {\r\n   var m = typeof Symbol === \"function\" && o[Symbol.iterator];\r\n   if (!m) return o;\r\n   var i = m.call(o), r, ar = [], e;\r\n   try {\r\n   while ((n === void 0 || n-- > 0) && !(r = i.next()).done) ar.push(r.value);\r\n   }\r\n   catch (error) { e = { error: error }; }\r\n   finally {\r\n   try {\r\n   if (r && !r.done && (m = i[\"return\"])) m.call(i);\r\n   }\r\n   finally { if (e) throw e.error; }\r\n   }\r\n   return ar;\r\n}\r\n\r\n\r\n/** @deprecated */\r\nexport function __spread() {\r\n   for (var ar = [], i = 0; i < arguments.length; i++)\r\n   ar = ar.concat(__read(arguments[i]));\r\n   return ar;\r\n}\r\n\r\n\r\n/** @deprecated */\r\nexport function __spreadArrays() {\r\n   for (var s = 0, i = 0, il = arguments.length; i < il; i++) s += arguments[i].length;\r\n   for (var r = Array(s), k = 0, i = 0; i < il; i++)\r\n   for (var a = arguments[i], j = 0, jl = a.length; j < jl; j++, k++)\r\n   r[k] = a[j];\r\n   return r;\r\n}\r\n\r\n\r\nexport

function __spreadArray(to, from, pack) {\r\n   if (pack || arguments.length === 2) for (var i = 0, l = from.length, ar; i < l; i++) {\r\n   if (ar || !(i in from)) {\r\n   if (!ar) ar = Array.prototype.slice.call(from, 0, i);\r\n   ar[i] = from[i];\r\n   }\r\n   }\r\n   return to.concat(ar || from);\r\n}\r\n\r\n\r\nexport function __await(v) {\r\n   return this instanceof __await ? (this.v = v, this) : new __await(v);\r\n}\r\n\r\n\r\nexport function __asyncGenerator(thisArg, _arguments, generator) {\r\n   if (!Symbol.asyncIterator) throw new TypeError(\"Symbol.asyncIterator is not defined.\");\r\n   var g = generator.apply(thisArg, _arguments || []), i, q = [];\r\n   return i = {}, verb(\"next\"), verb(\"throw\"), verb(\"return\"), i[Symbol.asyncIterator] = function () { return this; }, i;\r\n   function verb(n) { if (g[n]) i[n] = function (v) { return new Promise(function (a, b) { q.push([n, v, a, b]) > 1 || resume(n, v); }); }; }\r\n   function resume(n, v) { try { step(g[n](v)); } catch (e) { settle(q[0][3], e); } }\r\n   function step(r) { r.value instanceof __await ? Promise.resolve(r.value.v).then(fulfill, reject) : settle(q[0][2], r); }\r\n   function fulfill(value) { resume(\"next\", value); }\r\n   function reject(value) { resume(\"throw\", value); }\r\n   function settle(f, v) { if (f(v), q.shift(), q.length) resume(q[0][0], q[0][1]); }\r\n}\r\n\r\n\r\nexport function __asyncDelegator(o) {\r\n   var i, p;\r\n   return i = {}, verb(\"next\"), verb(\"throw\", function (e) { throw e; }), verb(\"return\"), i[Symbol.iterator] = function () { return this; }, i;\r\n   function verb(n, f) { i[n] = o[n] ? function (v) { return (p = !p) ? { value: __await(o[n](v)), done: n === \"return\" } : f ? f(v) : v; } : f; }\r\n}\r\n\r\n\r\nexport function __asyncValues(o) {\r\n   if (!Symbol.asyncIterator) throw new TypeError(\"Symbol.asyncIterator is not defined.\");\r\n   var m = o[Symbol.asyncIterator], i;\r\n   return m ? m.call(o)

: (o = typeof __values === \"function\" ? __values(o) : o[Symbol.iterator](), i = {}, verb(\"next\"), verb(\"throw\"), verb(\"return\"), i[Symbol.asyncIterator] = function () { return this; }, i);\r\n   function verb(n) { i[n] = o[n] &&

function (v) { return new Promise(function (resolve, reject) { v = o[n](v), settle(resolve, reject, v.done, v.value); });
}; }\r\n   function settle(resolve, reject, d, v) { Promise.resolve(v).then(function(v) { resolve({ value: v, done: d });
}, reject); }\r\n}\r\n\r\nexport function __makeTemplateObject(cooked, raw) {\r\n   if (Object.defineProperty) {
Object.defineProperty(cooked, \"raw\", { value: raw }); } else { cooked.raw = raw; }\r\n   return
cooked;\r\n};\r\n\r\nvar __setModuleDefault = Object.create ? (function(o, v) {\r\n   Object.defineProperty(o,
\"default\", { enumerable: true, value: v });\r\n}) : function(o, v) {\r\n   o[\"default\"] = v;\r\n};\r\n\r\nexport
function __importStar(mod) {\r\n   if (mod && mod.__esModule) return mod;\r\n
    var result = {};\r\n   if (mod != null) for (var k in mod) if (k !== \"default\" &&
Object.prototype.hasOwnProperty.call(mod, k)) __createBinding(result, mod, k);\r\n   __setModuleDefault(result,
mod);\r\n   return result;\r\n}\r\n\r\nexport function __importDefault(mod) {\r\n   return (mod &&
mod.__esModule) ? mod : { default: mod };\r\n}\r\n\r\nexport function __classPrivateFieldGet(receiver, state, kind,
f) {\r\n   if (kind === \"a\" && !f) throw new TypeError(\"Private accessor was defined without a getter\");\r\n   if
(typeof state === \"function\" ? receiver !== state || !f : !state.has(receiver)) throw new TypeError(\"Cannot read
private member from an object whose class did not declare it\");\r\n   return kind === \"m\" ? f : kind === \"a\" ?
f.call(receiver) : f ? f.value : state.get(receiver);\r\n}\r\n\r\nexport function __classPrivateFieldSet(receiver, state,
value, kind, f) {\r\n   if (kind === \"m\") throw new TypeError(\"Private method is not writable\");\r\n
    if (kind === \"a\" && !f) throw new TypeError(\"Private accessor was defined without a setter\");\r\n   if (typeof
state === \"function\" ? receiver !== state || !f : !state.has(receiver)) throw new TypeError(\"Cannot write private
member to an object whose class did not declare it\");\r\n   return (kind === \"a\" ? f.call(receiver, value) : f ?
f.value = value : state.set(receiver, value)), value;\r\n}\r\n","import Node from './node';\nimport Anonymous from
'./anonymous';\nimport FunctionCaller from '../functions/function-caller';\n\n//\n// A function call node.\n//\nconst
Call = function(name, args, index, currentFileInfo) {\n   this.name = name;\n   this.args = args;\n   this.calc = name
=== 'calc';\n   this._index = index;\n   this._fileInfo = currentFileInfo;\n}\n\nCall.prototype = Object.assign(new
Node(), {\n   type: 'Call',\n\n   accept(visitor) {\n   if (this.args) {\n   this.args =
visitor.visitArray(this.args);\n   }\n   },\n\n   //\n
  // When evaluating a function call,\n   // we either find the function in the functionRegistry,\n   // in which case
we call it, passing the evaluated arguments,\n   // if this returns null or we cannot find the function, we\n   // simply
print it out as it appeared originally [2].\n   //\n   // The reason why we evaluate the arguments, is in the case
where\n   // we try to pass a variable to a function, like: `saturate(@color)`.\n   // The function should receive the
value, not the variable.\n   //\n   eval(context) {\n   /**\n   * Turn off math for calc(), and switch back on for
evaluating nested functions\n   */\n   const currentMathContext = context.mathOn;\n   context.mathOn =
!this.calc;\n   if (this.calc || context.inCalc) {\n   context.enterCalc();\n   }\n\n   const exitCalc = () =>
{\n   if (this.calc || context.inCalc) {\n   context.exitCalc();\n   }\n   context.mathOn =
currentMathContext;\n
        };\n\n   let result;\n   const funcCaller = new FunctionCaller(this.name, context, this.getIndex(),
this.fileInfo());\n\n   if (funcCaller.isValid()) {\n   try {\n   result = funcCaller.call(this.args);\n
    exitCalc();\n   } catch (e) {\n   if (e.hasOwnProperty('line') && e.hasOwnProperty('column')) {\n
        throw e;\n   }\n   throw { \n   type: e.type || 'Runtime',\n   message:
`Error evaluating function \\`${this.name}\\`${e.message ? `: ${e.message}` : ''}`,\n   index:
this.getIndex(), \n   filename: this.fileInfo().filename,\n   line: e.lineNumber,\n
column: e.columnNumber\n   };\n   }\n   }\n\n   if (result !== null && result !== undefined) {\n
    // Results that that are not nodes are cast as Anonymous
nodes\n   // Falsy values or booleans are returned as empty nodes\n   if (!(result instanceof Node)) {\n
    if (!result || result === true) {\n   result = new Anonymous(null); \n   }   else {\n
        result = new Anonymous(result.toString()); \n   }\n   \n   }\n   result._index =
this._index;\n   result._fileInfo = this._fileInfo;\n   return result;\n   }\n\n   const args =
this.args.map(a => a.eval(context));\n   exitCalc();\n\n   return new Call(this.name, args, this.getIndex(),
this.fileInfo());\n   },\n\n   genCSS(context, output) {\n   output.add(`${this.name}(`, this.fileInfo(),

this.getIndex());\n\n   for (let i = 0; i < this.args.length; i++) {\n   this.args[i].genCSS(context, output);\n   if (i + 1 < this.args.length) {\n   output.add(', ');\n   }\n   }\n\n   output.add(')');\n   }\n});\n\nexport default Call;\n","import Node from './node';\nimport Call from './call';\n\nconst Variable = function(name, index, currentFileInfo) {\n   this.name = name;\n   this._index = index;\n   this._fileInfo = currentFileInfo;\n};\n\nVariable.prototype = Object.assign(new Node(), {\n   type: 'Variable',\n\n   eval(context) {\n   let variable, name = this.name;\n\n   if (name.indexOf('@@') === 0) {\n   name = `@${new Variable(name.slice(1), this.getIndex(), this.fileInfo()).eval(context).value}`;\n   }\n\n   if (this.evaluating) {\n   throw { type: 'Name',\n   message: `Recursive variable definition for ${name}`,\n   filename: this.fileInfo().filename,\n   index: this.getIndex() };\n   }\n\n   this.evaluating = true;\n\n   variable = this.find(context.frames, function (frame) {\n   const v = frame.variable(name);\n   if (v) {\n   if (v.important) {\n   const importantScope = context.importantScope[context.importantScope.length - 1];\n   importantScope.important = v.important;\n   }\n   // If in calc, wrap vars in a function call to cascade evaluate args first\n   if (context.inCalc) {\n   return (new Call('_SELF', [v.value])).eval(context);\n   } else {\n   return v.value.eval(context);\n   }\n   }\n   });\n   if (variable) {\n   this.evaluating = false;\n   return variable;\n   } else {\n   throw { type: 'Name',\n   message: `variable ${name} is undefined`,\n   filename: this.fileInfo().filename,\n   index: this.getIndex() };\n   }\n   },\n\n   find(obj, fun) {\n   for (let i = 0, r; i < obj.length; i++) {\n   r = fun.call(obj, obj[i]);\n   if (r) { return r; }\n   }\n   return null;\n   }\n});\n\nexport default Variable;\n","import Node from './node';\nimport Declaration from './declaration';\n\nconst Property = function(name, index, currentFileInfo) {\n   this.name = name;\n   this._index = index;\n   this._fileInfo = currentFileInfo;\n};\n\nProperty.prototype = Object.assign(new Node(), {\n   type: 'Property',\n\n   eval(context) {\n   let property;\n   const name = this.name;\n   // TODO: shorten this reference\n   const mergeRules = context.pluginManager.less.visitors.ToCSSVisitor.prototype._mergeRules;\n\n   if (this.evaluating) {\n   throw { type: 'Name',\n   message: `Recursive property reference for ${name}`,\n   filename: this.fileInfo().filename,\n   index: this.getIndex() };\n   }\n\n   this.evaluating = true;\n\n   property = this.find(context.frames, function (frame) {\n   let v;\n   const vArr = frame.property(name);\n   if (vArr) {\n   for (let i = 0; i < vArr.length; i++) {\n   v = vArr[i];\n\n   vArr[i] = new Declaration(v.name,\n   v.value,\n   v.important,\n   v.merge,\n   v.index,\n   v.currentFileInfo,\n   v.inline,\n   v.variable\n   );\n   }\n   mergeRules(vArr);\n\n   v = vArr[vArr.length - 1];\n   if (v.important) {\n   const importantScope = context.importantScope[context.importantScope.length - 1];\n   importantScope.important = v.important;\n   }\n   v = v.value.eval(context);\n   return v;\n   }\n   });\n   if (property) {\n   this.evaluating = false;\n   return property;\n   } else {\n   throw { type: 'Name',\n   message: `Property '${name}' is undefined`,\n   filename: this.currentFileInfo.filename,\n   index: this.index };\n   }\n   },\n\n   find(obj, fun) {\n   for (let i = 0, r; i < obj.length; i++) {\n   r = fun.call(obj, obj[i]);\n   if (r) { return r; }\n   }\n   return null;\n   }\n});\n\nexport default Property;\n","import Node from './node';\n\nconst Attribute = function(key, op, value, cif) {\n   this.key = key;\n   this.op = op;\n   this.value = value;\n   this.cif = cif;\n}\n\nAttribute.prototype = Object.assign(new Node(), {\n   type: 'Attribute',\n\n   eval(context) {\n   return new Attribute(\n   this.key.eval ? this.key.eval(context) : this.key,\n   this.op,\n   (this.value && this.value.eval) ? this.value.eval(context) : this.value,\n   this.cif\n   );\n   },\n\n   genCSS(context, output)\n   {\n   output.add(this.toCSS(context));\n   },\n\n   toCSS(context) {\n   let value = this.key.toCSS ? this.key.toCSS(context) : this.key;\n\n   if (this.op) {\n   value += this.op;\n   value += (this.value.toCSS ? this.value.toCSS(context) : this.value);\n   }\n\n   if (this.cif) {\n   value = value + \" \" + this.cif;\n   }\n\n   return `[${value}]`;\n   }\n});\n\nexport default Attribute;\n","import Node from

'./node';\nimport Variable from './variable';\nimport Property from './property';\n\n\nconst Quoted = function(str, content, escaped, index, currentFileInfo) {\n   this.escaped = (escaped == null) ? true : escaped;\n   this.value = content || '';\n   this.quote = str.charAt(0);\n   this._index = index;\n   this._fileInfo = currentFileInfo;\n   this.variableRegex = /@\\{([\\w-]+)\\}/g;\n   this.propRegex = /\\$\\{([\\w-]+)\\}/g;\n   this.allowRoot = escaped;\n};\n\nQuoted.prototype = Object.assign(new Node(),
 {\n   type: 'Quoted',\n\n   genCSS(context, output) {\n   if (!this.escaped) {\n   output.add(this.quote, this.fileInfo(), this.getIndex());\n   }\n   output.add(this.value);\n   if (!this.escaped) {\n   output.add(this.quote);\n   }\n   },\n\n   containsVariables() {\n   return this.value.match(this.variableRegex);\n   },\n\n   eval(context) {\n   const that = this;\n   let value = this.value;\n   const variableReplacement = function (_, name) {\n   const v = new Variable(`@${name}`, that.getIndex(), that.fileInfo()).eval(context, true);\n   return (v instanceof Quoted) ? v.value : v.toCSS();\n   };\n   const propertyReplacement = function (_, name) {\n   const v = new Property(`$${name}`, that.getIndex(), that.fileInfo()).eval(context, true);\n   return (v instanceof Quoted) ? v.value : v.toCSS();\n   };\n   function iterativeReplace(value, regexp, replacementFnc)
 {\n   let evaluatedValue = value;\n   do {\n   value = evaluatedValue.toString();\n   evaluatedValue = value.replace(regexp, replacementFnc);\n   } while (value !== evaluatedValue);\n   return evaluatedValue;\n   }\n   value = iterativeReplace(value, this.variableRegex, variableReplacement);\n   value = iterativeReplace(value, this.propRegex, propertyReplacement);\n   return new Quoted(this.quote + value + this.quote, value, this.escaped, this.getIndex(), this.fileInfo());\n   },\n\n   compare(other) {\n   // when comparing quoted strings allow the quote to differ\n   if (other.type === 'Quoted' && !this.escaped && !other.escaped) {\n   return Node.numericCompare(this.value, other.value);\n   } else {\n   return other.toCSS && this.toCSS() === other.toCSS() ? 0 : undefined;\n   }\n   }\n});\n\nexport default Quoted;\n","import Node from './node';\n\nfunction
 escapePath(path) {\n   return path.replace(/[\\(\\)'"\\s]/g, function(match) { return `\\\\${match}`; });\n}\n\n\nconst URL = function(val, index, currentFileInfo, isEvald) {\n   this.value = val;\n   this._index = index;\n   this._fileInfo = currentFileInfo;\n   this.isEvald = isEvald;\n};\n\nURL.prototype = Object.assign(new Node(), {\n   type: 'Url',\n\n   accept(visitor) {\n   this.value = visitor.visit(this.value);\n   },\n\n   genCSS(context, output) {\n   output.add('url(');\n   this.value.genCSS(context, output);\n   output.add(')');\n   },\n\n   eval(context) {\n   const val = this.value.eval(context);\n   let rootpath;\n\n   if (!this.isEvald) {\n   // Add the rootpath if the URL requires a rewrite\n   rootpath = this.fileInfo() && this.fileInfo().rootpath;\n   if (typeof rootpath === 'string' &&\n   typeof val.value === 'string' &&\n   context.pathRequiresRewrite(val.value)) {\n
                if (!val.quote) {\n   rootpath = escapePath(rootpath);\n   }\n   val.value = context.rewritePath(val.value, rootpath);\n   } else {\n   val.value = context.normalizePath(val.value);\n   }\n\n   // Add url args if enabled\n   if (context.urlArgs) {\n   if (!val.value.match(/^\\s*data:/)) {\n   const delimiter = val.value.indexOf('?') === -1 ? '?' : '&';\n   const urlArgs = delimiter + context.urlArgs;\n   if (val.value.indexOf('#') !== -1) {\n   val.value = val.value.replace('#', `${urlArgs}#`);\n   } else {\n   val.value += urlArgs;\n   }\n   }\n   }\n   }\n\n   return new URL(val, this.getIndex(), this.fileInfo(), true);\n   }\n});\n\nexport default URL;\n","import Ruleset from './ruleset';\nimport Value from
 './value';\nimport Selector from './selector';\nimport Anonymous from './anonymous';\nimport Expression from './expression';\nimport AtRule from './atrule';\nimport * as utils from '../utils';\n\nconst Media = function(value, features, index, currentFileInfo, visibilityInfo) {\n   this._index = index;\n   this._fileInfo = currentFileInfo;\n\n   const selectors = (new Selector([], null, null, this._index, this._fileInfo)).createEmptySelectors();\n\n   this.features = new Value(features);\n   this.rules = [new Ruleset(selectors, value)];\n   this.rules[0].allowImports = true;\n   this.copyVisibilityInfo(visibilityInfo);\n   this.allowRoot = true;\n   this.setParent(selectors, this);\n   this.setParent(this.features, this);\n   this.setParent(this.rules, this);\n};\n\nMedia.prototype = Object.assign(new AtRule(), {\n   type: 'Media',\n\n   isRulesetLike() {\n   return true;\n   },\n\n   accept(visitor) {\n   if

(this.features) {\n   this.features = visitor.visit(this.features);\n

}\n   if (this.rules) {\n   this.rules = visitor.visitArray(this.rules);\n   }\n   },\n\n   genCSS(context, output) {\n   output.add('@media ', this._fileInfo, this._index);\n   this.features.genCSS(context, output);\n this.outputRuleset(context, output, this.rules);\n   },\n\n   eval(context) {\n   if (!context.mediaBlocks) {\n context.mediaBlocks = [];\n   context.mediaPath = [];\n   }\n\n   const media = new Media(null, [], this._index, this._fileInfo, this.visibilityInfo());\n   if (this.debugInfo) {\n   this.rules[0].debugInfo = this.debugInfo;\n   media.debugInfo = this.debugInfo;\n   }\n \n   media.features = this.features.eval(context);\n\n   context.mediaPath.push(media);\n   context.mediaBlocks.push(media);\n\n this.rules[0].functionRegistry = context.frames[0].functionRegistry.inherit();\n context.frames.unshift(this.rules[0]);\n

media.rules = [this.rules[0].eval(context)];\n   context.frames.shift();\n\n   context.mediaPath.pop();\n\n   return context.mediaPath.length === 0 ? media.evalTop(context) :\n   media.evalNested(context);\n   },\n\n evalTop(context) {\n   let result = this;\n\n   // Render all dependent Media blocks.\n   if (context.mediaBlocks.length > 1) {\n   const selectors = (new Selector([], null, null, this.getIndex(), this.fileInfo())).createEmptySelectors();\n   result = new Ruleset(selectors, context.mediaBlocks);\n result.multiMedia = true;\n   result.copyVisibilityInfo(this.visibilityInfo());\n   this.setParent(result, this);\n   }\n\n   delete context.mediaBlocks;\n   delete context.mediaPath;\n   return result;   },\n\n evalNested(context) {\n   let i;\n   let value;\n   const path = context.mediaPath.concat([this]);\n\n

// Extract the media-query conditions separated with `,` (OR).\n   for (i = 0; i < path.length; i++) {\n value = path[i].features instanceof Value ?\n   path[i].features.value : path[i].features;\n   path[i] = Array.isArray(value) ? value : [value];\n   }\n\n   // Trace all permutations to generate the resulting media-query.\n   //\n   // (a, b and c) with nested (d, e) ->\n   // a and d\n   // a and e\n   // b and c and d\n   // b and c and e\n   this.features = new Value(this.permute(path).map(path => {\n   path = path.map(fragment => fragment.toCSS ? fragment : new Anonymous(fragment));\n\n   for (i = path.length - 1; i > 0; i--) {\n   path.splice(i, 0, new Anonymous('and'));\n   }\n\n   return new Expression(path);\n   }));\n   this.setParent(this.features, this);\n\n   // Fake a tree-node that doesn't output anything.\n   return new Ruleset([], []);\n   },\n\n   permute(arr) {\n   if (arr.length === 0) {\n   return [];\n   } else if (arr.length === 1) {\n   return arr[0];\n   } else {\n   const result = [];\n   const rest = this.permute(arr.slice(1));\n   for (let i = 0; i < rest.length; i++) {\n   for (let j = 0; j < arr[0].length; j++) {\n   result.push([arr[0][j]].concat(rest[i]));\n   }\n   }\n   return result;\n   }\n   },\n\n   bubbleSelectors(selectors) {\n   if (!selectors) {\n   return;\n   }\n   this.rules = [new Ruleset(utils.copyArray(selectors), [this.rules[0]])];\n   this.setParent(this.rules, this);\n   }});\n\nexport default Media;\n","import Node from './node';\nimport Media from './media';\nimport URL from './url';\nimport Quoted from './quoted';\nimport Ruleset from './ruleset';\nimport Anonymous from './anonymous';\nimport * as utils from '../utils';\nimport LessError from '../less-error';\n\n//\n// CSS @import node\n//\n// The general strategy here is that we don't want to wait\n// for the parsing to be completed, before we start importing\n// the file. That's because in the context of a browser,\n// most of the time will be spent waiting for the server to respond.\n//\n// On creation, we push the import path to our import queue, though\n// `import,push`, we also pass it a callback, which it'll call once\n// the file has been fetched, and parsed.\n//\nconst Import = function(path, features, options, index, currentFileInfo, visibilityInfo) {\n   this.options = options;\n   this._index = index;\n   this._fileInfo = currentFileInfo;\n   this.path = path;\n   this.features = features;\n   this.allowRoot = true;\n\n   if (this.options.less !== undefined || this.options.inline) {\n   this.css = !this.options.less || this.options.inline;\n   } else {\n   const pathValue = this.getPath();\n

if (pathValue && /[#\\.\\&\\?]css([\\?;].*)?$/.test(pathValue)) {\n   this.css = true;\n   }\n   }\n   this.copyVisibilityInfo(visibilityInfo);\n   this.setParent(this.features, this);\n   this.setParent(this.path, this);\n};\n\nImport.prototype = Object.assign(new Node(), {\n   type: 'Import',\n\n   accept(visitor) {\n   if (this.features) {\n   this.features = visitor.visit(this.features);\n   }\n   this.path = visitor.visit(this.path);\n

if (!this.options.isPlugin && !this.options.inline && this.root) {\n   this.root = visitor.visit(this.root);\n

```
}\n    },\n\n  genCSS(context, output) {\n        if (this.css && this.path._fileInfo.reference === undefined) {\n
output.add('@import ', this._fileInfo, this._index);\n        this.path.genCSS(context, output);\n        if
(this.features) {\n            output.add(' ');\n            this.features.genCSS(context, output);\n
    }\n        output.add(';');\n        }\n    },\n\n  getPath() {\n        return (this.path instanceof URL) ?\n
this.path.value.value : this.path.value;\n    },\n\n  isVariableImport() {\n        let path = this.path;\n        if (path
instanceof URL) {\n            path = path.value;\n        }\n        if (path instanceof Quoted) {\n            return
path.containsVariables();\n        }\n\n        return true;\n    },\n\n  evalForImport(context) {\n        let path =
this.path;\n\n        if (path instanceof URL) {\n            path = path.value;\n        }\n\n        return new
Import(path.eval(context), this.features, this.options, this._index, this._fileInfo, this.visibilityInfo());\n    },\n\n
evalPath(context) {\n        const path = this.path.eval(context);\n        const fileInfo = this._fileInfo;\n\n        if (!(path
instanceof URL)) {\n            // Add the rootpath if the URL requires a rewrite\n            const pathValue =
path.value;\n
    if (fileInfo &&\n                pathValue &&\n                context.pathRequiresRewrite(pathValue)) {\n
path.value = context.rewritePath(pathValue, fileInfo.rootpath);\n            } else {\n                path.value =
context.normalizePath(path.value);\n            }\n        }\n\n        return path;\n    },\n    eval(context) {\n        const
result = this.doEval(context);\n        if (this.options.reference || this.blocksVisibility()) {\n            if (result.length ||
result.length === 0) {\n                result.forEach(function (node) {\n                    node.addVisibilityBlock();\n
    }\n                );\n            } else {\n                result.addVisibilityBlock();\n            }\n        }\n        return result;\n
},\n\n  doEval(context) {\n        let ruleset;\n        let registry;\n        const features = this.features &&
this.features.eval(context);\n\n        if (this.options.isPlugin) {\n            if (this.root &&
 this.root.eval) {\n                try {\n                    this.root.eval(context);\n                }\n                catch (e) {\n
    e.message = 'Plugin error during evaluation';\n                    throw new LessError(e, this.root.imports,
this.root.filename);\n                }\n            }\n            registry = context.frames[0] &&
context.frames[0].functionRegistry;\n            if ( registry && this.root && this.root.functions ) {\n
registry.addMultiple( this.root.functions );\n            }\n\n            return [];\n        }\n\n        if (this.skip) {\n            if
(typeof this.skip === 'function') {\n                this.skip = this.skip();\n            }\n            if (this.skip) {\n
return [];\n            }\n        }\n        if (this.options.inline) {\n            const contents = new Anonymous(this.root, 0,\n
        {\n                filename: this.importedFilename,\n                reference:
 this.path._fileInfo && this.path._fileInfo.reference\n            }, true, true);\n\n            return this.features ? new
Media([contents], this.features.value) : [contents];\n        } else if (this.css) {\n            const newImport = new
Import(this.evalPath(context), features, this.options, this._index);\n            if (!newImport.css && this.error) {\n
    throw this.error;\n            }\n            return newImport;\n        } else if (this.root) {\n            ruleset = new
Ruleset(null, utils.copyArray(this.root.rules));\n            ruleset.evalImports(context);\n\n            return this.features ?
new Media(ruleset.rules, this.features.value) : ruleset.rules;\n        } else {\n            return [];\n        }\n
}\n});\n\nexport default Import;\n","import Node from './node';\nimport Variable from './variable';\n\nconst
JsEvalNode = function() {};\n\nJsEvalNode.prototype = Object.assign(new Node(), {\n
evaluateJavaScript(expression, context) {\n
    let result;\n        const that = this;\n        const evalContext = {};\n\n        if (!context.javascriptEnabled) {\n
 throw { message: 'Inline JavaScript is not enabled. Is it set in your options?',\n                filename:
this.fileInfo().filename,\n                index: this.getIndex() };\n        }\n\n        expression =
expression.replace(/@\\{([\\w-]+)\\}/g, function (_, name) {\n            return that.jsify(new Variable(`@${name}`,
that.getIndex(), that.fileInfo()).eval(context));\n        });\n\n        try {\n            expression = new Function(`return
(${expression})`);\n        } catch (e) {\n            throw { message: `JavaScript evaluation error: ${e.message} from
\\`${expression}\\`` ,\n                filename: this.fileInfo().filename,\n                index: this.getIndex() };\n        }\n\n
 const variables = context.frames[0].variables();\n        for (const k in variables) {\n            if
(variables.hasOwnProperty(k)) {\n
        /* jshint loopfunc:true */\n                evalContext[k.slice(1)] = {\n                    value: variables[k].value,\n
        toJS: function () {\n                    return this.value.eval(context).toCSS();\n                }\n                };\n
```

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}\n    }\n\n    try {\n        result = expression.call(evalContext);\n    } catch (e) {\n        throw {
message: `JavaScript evaluation error: '${e.name}: ${e.message.replace(/[\"]/g, '\\")}`` ,\n        filename:
this.fileInfo().filename,\n        index: this.getIndex() };\n    }\n    return result;\n    },\n\n    jsify(obj) {\n
if (Array.isArray(obj.value) && (obj.value.length > 1)) {\n        return `[${obj.value.map(function (v) { return
v.toCSS(); }).join(', ')}]`;\n    } else {\n        return obj.toCSS();\n    }\n});\n\nexport default
JsEvalNode;\n","import JsEvalNode from './js-eval-node';\nimport Dimension from './dimension';\nimport
Quoted from './quoted';\nimport Anonymous from './anonymous';\n\nconst JavaScript = function(string, escaped,
index, currentFileInfo) {\n    this.escaped = escaped;\n    this.expression = string;\n    this._index = index;\n
this._fileInfo = currentFileInfo;\n}\n\nJavaScript.prototype = Object.assign(new JsEvalNode(), {\n    type:
'JavaScript',\n\n    eval(context) {\n        const result = this.evaluateJavaScript(this.expression, context);\n        const
type = typeof result;\n\n        if (type === 'number' && !isNaN(result)) {\n            return new Dimension(result);\n
} else if (type === 'string') {\n            return new Quoted(`\"${result}\"`, result, this.escaped, this._index);\n        }
else if (Array.isArray(result)) {\n            return new Anonymous(result.join(', '));\n        } else {\n            return new
Anonymous(result);\n        }\n    }\n});\n\nexport default JavaScript;\n","import Node from './node';\n\nconst
Assignment = function(key,
val) {\n    this.key = key;\n    this.value = val;\n}\n\nAssignment.prototype = Object.assign(new Node(), {\n    type:
'Assignment',\n\n    accept(visitor) {\n        this.value = visitor.visit(this.value);\n    },\n\n    eval(context) {\n        if
(this.value.eval) {\n            return new Assignment(this.key, this.value.eval(context));\n        }\n        return this;\n
},\n\n    genCSS(context, output) {\n        output.add(`${this.key}=`);\n        if (this.value.genCSS) {\n
this.value.genCSS(context, output);\n        } else {\n            output.add(this.value);\n        }\n    }\n});\n\nexport
default Assignment;\n","import Node from './node';\n\nconst Condition = function(op, l, r, i, negate) {\n    this.op =
op.trim();\n    this.lvalue = l;\n    this.rvalue = r;\n    this._index = i;\n    this.negate =
negate;\n}\n\nCondition.prototype = Object.assign(new Node(), {\n    type: 'Condition',\n\n    accept(visitor) {\n
this.lvalue = visitor.visit(this.lvalue);\n
    this.rvalue = visitor.visit(this.rvalue);\n    },\n\n    eval(context) {\n        const result = (function (op, a, b) {\n
switch (op) {\n            case 'and': return a && b;\n            case 'or':  return a || b;\n            default:\n
switch (Node.compare(a, b)) {\n                case -1:\n                    return op === '<' || op === '=<' || op
=== '<=';\n                case 0:\n                    return op === '=' || op === '>=' || op === '=<' || op === '<=';\n
case 1:\n                    return op === '>' || op === '>=';\n                default:\n
return false;\n            }\n        }\n    })(this.op, this.lvalue.eval(context), this.rvalue.eval(context));\n\n
return this.negate ? !result : result;\n    }\n});\n\nexport default Condition;\n","import Node from './node';\n\nconst
UnicodeDescriptor
= function(value) {\n    this.value = value;\n}\n\nUnicodeDescriptor.prototype = Object.assign(new Node(), {\n
type: 'UnicodeDescriptor'\n})\n\nexport default UnicodeDescriptor;\n","import Node from './node';\nimport
Operation from './operation';\nimport Dimension from './dimension';\n\nconst Negative = function(node) {\n
this.value = node;\n};\n\nNegative.prototype = Object.assign(new Node(), {\n    type: 'Negative',\n\n
genCSS(context, output) {\n        output.add('-');\n        this.value.genCSS(context, output);\n    },\n\n    eval(context)
{\n        if (context.isMathOn()) {\n            return (new Operation('*', [new Dimension(-1),
this.value])).eval(context);\n        }\n        return new Negative(this.value.eval(context));\n    }\n});\n\nexport default
Negative;\n","import Node from './node';\nimport Selector from './selector';\n\nconst Extend = function(selector,
option, index, currentFileInfo, visibilityInfo) {\n    this.selector = selector;\n    this.option
= option;\n    this.object_id = Extend.next_id++;\n    this.parent_ids = [this.object_id];\n    this._index = index;\n
this._fileInfo = currentFileInfo;\n    this.copyVisibilityInfo(visibilityInfo);\n    this.allowRoot = true;\n\n    switch
(option) {\n        case 'all':\n            this.allowBefore = true;\n            this.allowAfter = true;\n            break;\n
default:\n            this.allowBefore = false;\n            this.allowAfter = false;\n            break;\n    }\n
this.setParent(this.selector, this);\n}\n\nExtend.prototype = Object.assign(new Node(), {\n    type: 'Extend',\n\n
accept(visitor) {\n        this.selector = visitor.visit(this.selector);\n    },\n\n    eval(context) {\n        return new
Extend(this.selector.eval(context), this.option, this.getIndex(), this.fileInfo(), this.visibilityInfo());\n    },\n\n
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clone(context) {\n   return new Extend(this.selector, this.option, this.getIndex(), this.fileInfo(),
this.visibilityInfo()));\n   },\n\n

   // it concatenates (joins) all selectors in selector array\n   findSelfSelectors(selectors) {\n   let selfElements =
[], i, selectorElements;\n\n   for (i = 0; i < selectors.length; i++) {\n   selectorElements =
selectors[i].elements;\n   // duplicate the logic in genCSS function inside the selector node.\n   // future
TODO - move both logics into the selector joiner visitor\n   if (i > 0 && selectorElements.length &&
selectorElements[0].combinator.value === '') {\n   selectorElements[0].combinator.value = ' ';\n   }\n
       selfElements = selfElements.concat(selectors[i].elements);\n   }\n\n   this.selfSelectors = [new
Selector(selfElements)];\n   this.selfSelectors[0].copyVisibilityInfo(this.visibilityInfo());\n
}\n});\n\nExtend.next_id = 0;\nexport default Extend;\n","import Node from './node';\nimport Variable from
'./variable';\nimport Ruleset from './ruleset';\nimport DetachedRuleset
 from './detached-ruleset';\nimport LessError from '../less-error';\n\nconst VariableCall = function(variable, index,
currentFileInfo) {\n   this.variable = variable;\n   this._index = index;\n   this._fileInfo = currentFileInfo;\n
this.allowRoot = true;\n};\n\nVariableCall.prototype = Object.assign(new Node(), {\n   type: 'VariableCall',\n\n
eval(context) {\n   let rules;\n   let detachedRuleset = new Variable(this.variable, this.getIndex(),
this.fileInfo()).eval(context);\n   const error = new LessError({message: `Could not evaluate variable call
${this.variable}`});\n\n   if (!detachedRuleset.ruleset) {\n   if (detachedRuleset.rules) {\n   rules =
detachedRuleset;\n   }\n   else if (Array.isArray(detachedRuleset)) {\n   rules = new Ruleset('',
detachedRuleset);\n   }\n   else if (Array.isArray(detachedRuleset.value)) {\n   rules = new
Ruleset('', detachedRuleset.value);\n

       }\n   else {\n   throw error;\n   }\n   detachedRuleset = new
DetachedRuleset(rules);\n   }\n\n   if (detachedRuleset.ruleset) {\n   return
detachedRuleset.callEval(context);\n   }\n   throw error;\n   }\n});\n\nexport default VariableCall;\n","import
Node from './node';\nimport Variable from './variable';\nimport Ruleset from './ruleset';\nimport Selector from
'./selector';\n\nconst NamespaceValue = function(ruleCall, lookups, index, fileInfo) {\n   this.value = ruleCall;\n
this.lookups = lookups;\n   this._index = index;\n   this._fileInfo = fileInfo;\n};\n\nNamespaceValue.prototype =
Object.assign(new Node(), {\n   type: 'NamespaceValue',\n\n   eval(context) {\n   let i, j, name, rules =
this.value.eval(context);\n   \n   for (i = 0; i < this.lookups.length; i++) {\n   name = this.lookups[i];\n\n
       /**\n   * Eval'd DRs return rulesets.\n

   * Eval'd mixins return rules, so let's make a ruleset if we need it.\n   * We need to do this because of late
parsing of values\n   */\n   if (Array.isArray(rules)) {\n   rules = new Ruleset([new Selector()],
rules);\n   }\n\n   if (name === '') {\n   rules = rules.lastDeclaration();\n   }\n   else if
(name.charAt(0) === '@') {\n   if (name.charAt(1) === '@') {\n   name = `@${new
Variable(name.substr(1)).eval(context).value}`;\n   }\n   if (rules.variables) {\n   rules =
rules.variable(name);\n   }\n   \n   if (!rules) {\n   throw { type: 'Name',\n
       message: `variable ${name} not found`,\n   filename: this.fileInfo().filename,\n
index: this.getIndex() };\n   }\n   }\n   else
 {\n   if (name.substring(0, 2) === '$@') {\n   name = `$${new
Variable(name.substr(1)).eval(context).value}`;\n   }\n   else {\n   name = name.charAt(0)
=== '$' ? name : `$${name}`;\n   }\n   if (rules.properties) {\n   rules =
rules.property(name);\n   }\n   \n   if (!rules) {\n   throw { type: 'Name',\n
   message: `property \"${name.substr(1)}\" not found`,\n   filename: this.fileInfo().filename,\n
     index: this.getIndex() };\n   }\n   // Properties are an array of values, since a ruleset can have
multiple props.\n   // We pick the last one (the \"cascaded\" value)\n   rules = rules[rules.length -
1];\n   }\n\n   if (rules.value) {\n   rules = rules.eval(context).value;\n
       }\n   if (rules.ruleset) {\n   rules = rules.ruleset.eval(context);\n   }\n   }\n   return
rules;\n   }\n});\n\nexport default NamespaceValue;\n","import Selector from './selector';\nimport Element from
'./element';\nimport Ruleset from './ruleset';\nimport Declaration from './declaration';\nimport DetachedRuleset from

'./detached-ruleset';\nimport Expression from './expression';\nimport contexts from '../contexts';\nimport * as utils from '../utils';\n\nconst Definition = function(name, params, rules, condition, variadic, frames, visibilityInfo) {\n   this.name = name || 'anonymous mixin';\n   this.selectors = [new Selector([new Element(null, name, false, this._index, this._fileInfo)])];\n   this.params = params;\n   this.condition = condition;\n   this.variadic = variadic;\n   this.arity = params.length;\n   this.rules = rules;\n   this._lookups = {};\n   const optionalParameters = [];\n   this.required = params.reduce(function

(count, p) {\n   if (!p.name || (p.name && !p.value)) {\n   return count + 1;\n   }\n   else {\n   optionalParameters.push(p.name);\n   return count;\n   }\n   }, 0);\n   this.optionalParameters = optionalParameters;\n   this.frames = frames;\n   this.copyVisibilityInfo(visibilityInfo);\n   this.allowRoot = true;\n}\n\nDefinition.prototype = Object.assign(new Ruleset(), {\n   type: 'MixinDefinition',\n   evalFirst: true,\n\n   accept(visitor) {\n   if (this.params && this.params.length) {\n   this.params = visitor.visitArray(this.params);\n   }\n   this.rules = visitor.visitArray(this.rules);\n   if (this.condition) {\n   this.condition = visitor.visit(this.condition);\n   }\n   },\n\n   evalParams(context, mixinEnv, args, evaldArguments) {\n   /* jshint boss:true */\n   const frame = new Ruleset(null, null);\n\n   let varargs;\n   let arg;\n   const params

= utils.copyArray(this.params);\n   let i;\n   let j;\n   let val;\n   let name;\n   let isNamedFound;\n   let argIndex;\n   let argsLength = 0;\n\n   if (mixinEnv.frames && mixinEnv.frames[0] && mixinEnv.frames[0].functionRegistry) {\n   frame.functionRegistry = mixinEnv.frames[0].functionRegistry.inherit();\n   }\n   mixinEnv = new contexts.Eval(mixinEnv, [frame].concat(mixinEnv.frames));\n\n   if (args) {\n   args = utils.copyArray(args);\n   argsLength = args.length;\n\n   for (i = 0; i < argsLength; i++) {\n   arg = args[i];\n   if (name = (arg && arg.name)) {\n   isNamedFound = false;\n   for (j = 0; j < params.length; j++) {\n   if (!evaldArguments[j] && name === params[j].name) {\n   evaldArguments[j] = arg.value.eval(context);\n   frame.prependRule(new Declaration(name, arg.value.eval(context)));\n   isNamedFound = true;\n   break;\n   }\n   }\n   if (isNamedFound) {\n   args.splice(i, 1);\n   i--;\n   continue;\n   } else {\n   throw { type: 'Runtime', message: `Named argument for ${this.name} ${args[i].name} not found` };\n   }\n   }\n   }\n   }\n   argIndex = 0;\n   for (i = 0; i < params.length; i++) {\n   if (evaldArguments[i]) { continue; }\n\n   arg = args && args[argIndex];\n\n   if (name = params[i].name) {\n   if (params[i].variadic) {\n   varargs = [];\n   for (j = argIndex; j < argsLength; j++) {\n   varargs.push(args[j].value.eval(context));\n   }\n   frame.prependRule(new Declaration(name, new Expression(varargs).eval(context)));\n   } else {\n   val = arg && arg.value;\n   if (val) {\n   // This was a mixin call, pass in a detached ruleset of it's eval'd rules\n   if (Array.isArray(val)) {\n   val = new DetachedRuleset(new Ruleset('', val));\n   } else {\n   val = val.eval(context);\n   }\n   } else if (params[i].value) {\n   val = params[i].value.eval(mixinEnv);\n   frame.resetCache();\n   } else {\n   throw { type: 'Runtime', message: `wrong number of arguments for ${this.name} (${argsLength} for ${this.arity})` };\n   }\n\n   frame.prependRule(new Declaration(name, val));\n   evaldArguments[i] = val;\n   }\n   }\n\n   if (params[i].variadic && args) {\n   for (j = argIndex; j < argsLength; j++) {\n   evaldArguments[j] = args[j].value.eval(context);\n   }\n   }\n   argIndex++;\n   }\n\n   return frame;\n   },\n\n   makeImportant() {\n   const rules = !this.rules ? this.rules : this.rules.map(function (r) {\n   if (r.makeImportant) {\n   return r.makeImportant(true);\n   } else {\n   return r;\n   }\n   });\n   const result = new Definition(this.name, this.params, rules, this.condition, this.variadic, this.frames);\n   return result;\n   },\n\n   eval(context) {\n   return new Definition(this.name, this.params, this.rules, this.condition, this.variadic, this.frames || utils.copyArray(context.frames));\n   },\n\n   evalCall(context, args, important) {\n   const _arguments

= [];\n   const mixinFrames = this.frames ? this.frames.concat(context.frames) : context.frames;\n   const frame = this.evalParams(context, new contexts.Eval(context, mixinFrames), args, _arguments);\n   let rules;\n   let ruleset;\n\n   frame.prependRule(new Declaration('@arguments', new Expression(_arguments).eval(context)));\n\n   rules = utils.copyArray(this.rules);\n\n   ruleset = new Ruleset(null, rules);\n   ruleset.originalRuleset = this;\n   ruleset = ruleset.eval(new contexts.Eval(context, [this, frame].concat(mixinFrames)));\n   if (important) {\n   ruleset = ruleset.makeImportant();\n   }\n   return ruleset;\n   },\n\n   matchCondition(args, context) {\n   if (this.condition && !this.condition.eval(\n   new contexts.Eval(context,\n   [this.evalParams(context, /* the parameter variables */\n   new contexts.Eval(context, this.frames ? this.frames.concat(context.frames)
 : context.frames), args, [])]\n   .concat(this.frames || []) // the parent namespace/mixin frames\n
 .concat(context.frames)))) { // the current environment frames\n   return false;\n   }\n   return true;\n   },\n\n   matchArgs(args, context) {\n   const allArgsCnt = (args && args.length) || 0;\n   let len;\n   const optionalParameters = this.optionalParameters;\n   const requiredArgsCnt = !args ? 0 : args.reduce(function (count, p) {\n   if (optionalParameters.indexOf(p.name) < 0) {\n   return count + 1;\n   } else {\n
            return count;\n   }\n   }, 0);\n\n   if (!this.variadic) {\n   if (requiredArgsCnt < this.required) {\n   return false;\n   }\n   if (allArgsCnt > this.params.length) {\n   return false;\n   }\n   } else {\n   if (requiredArgsCnt < (this.required
 - 1)) {\n   return false;\n   }\n   }\n\n   // check patterns\n   len = Math.min(requiredArgsCnt, this.arity);\n\n   for (let i = 0; i < len; i++) {\n   if (!this.params[i].name && !this.params[i].variadic) {\n
        if (args[i].value.eval(context).toCSS() != this.params[i].value.eval(context).toCSS()) {\n   return false;\n   }\n   }\n   }\n   return true;\n   }\n});\n\nexport default Definition;\n","import Node from './node';\nimport Selector from './selector';\nimport MixinDefinition from './mixin-definition';\nimport defaultFunc from '../functions/default';\n\nconst MixinCall = function(elements, args, index, currentFileInfo, important) {\n   this.selector = new Selector(elements);\n   this.arguments = args || [];\n   this._index = index;\n   this._fileInfo = currentFileInfo;\n   this.important = important;\n   this.allowRoot = true;\n   this.setParent(this.selector,
 this);\n};\n\nMixinCall.prototype = Object.assign(new Node(), {\n   type: 'MixinCall',\n\n   accept(visitor) {\n   if (this.selector) {\n   this.selector = visitor.visit(this.selector);\n   }\n   if (this.arguments.length) {\n
  this.arguments = visitor.visitArray(this.arguments);\n   }\n   },\n\n   eval(context) {\n   let mixins;\n   let mixin;\n   let mixinPath;\n   const args = [];\n   let arg;\n   let argValue;\n   const rules = [];\n   let match = false;\n   let i;\n   let m;\n   let f;\n   let isRecursive;\n   let isOneFound;\n   const candidates = [];\n   let candidate;\n   const conditionResult = [];\n   let defaultResult;\n   const defFalseEitherCase = -1;\n   const defNone = 0;\n   const defTrue = 1;\n   const defFalse = 2;\n   let count;\n   let originalRuleset;\n   let noArgumentsFilter;\n\n   this.selector
 = this.selector.eval(context);\n\n   function calcDefGroup(mixin, mixinPath) {\n   let f, p, namespace;\n\n   for (f = 0; f < 2; f++) {\n   conditionResult[f] = true;\n   defaultFunc.value(f);\n   for (p
= 0; p < mixinPath.length && conditionResult[f]; p++) {\n   namespace = mixinPath[p];\n   if (namespace.matchCondition) {\n   conditionResult[f] = conditionResult[f] &&
 namespace.matchCondition(null, context);\n   }\n   }\n   if (mixin.matchCondition) {\n   conditionResult[f] = conditionResult[f] && mixin.matchCondition(args, context);\n   }\n   }\n   if (conditionResult[0] || conditionResult[1]) {\n   if (conditionResult[0] != conditionResult[1]) {\n   return conditionResult[1] ?\n   defTrue : defFalse;\n   }\n\n   return defNone;\n   }\n   return defFalseEitherCase;\n   }\n\n   for (i = 0; i < this.arguments.length; i++) {\n   arg = this.arguments[i];\n   argValue = arg.value.eval(context);\n   if (arg.expand && Array.isArray(argValue.value)) {\n   argValue = argValue.value;\n   for (m = 0; m < argValue.length; m++) {\n   args.push({value: argValue[m]});\n   }\n   } else {\n
 args.push({name: arg.name, value: argValue});\n   }\n   }\n\n   noArgumentsFilter = function(rule) {return rule.matchArgs(null, context);};\n\n   for (i = 0; i < context.frames.length; i++) {\n   if ((mixins =

context.frames[i].find(this.selector, null, noArgumentsFilter)).length > 0) {\n   isOneFound = true;\n\n   // To make `default()` function independent of definition order we have two \"subpasses\" here.\n   // At first we evaluate each guard *twice* (with `default() == true` and `default() == false`),\n   // and build candidate list with corresponding flags. Then, when we know all possible matches,\n   // we make a final decision.\n\n   for (m = 0; m < mixins.length; m++) {\n   mixin = mixins[m].rule;\n   mixinPath = mixins[m].path;\n   isRecursive = false;\n   for (f = 0; f < context.frames.length; f++) {\n   if ((!(mixin instanceof MixinDefinition)) && mixin === (context.frames[f].originalRuleset || context.frames[f])) {\n   isRecursive = true;\n   break;\n   }\n   }\n   if (isRecursive) {\n   continue;\n   }\n\n   if (mixin.matchArgs(args, context)) {\n   candidate = {mixin, group: calcDefGroup(mixin, mixinPath)};\n\n   if (candidate.group !== defFalseEitherCase) {\n   candidates.push(candidate);\n   }\n\n   match = true;\n   }\n   }\n\n   defaultFunc.reset();\n\n   count = [0, 0, 0];\n   for (m = 0; m < candidates.length; m++) {\n   count[candidates[m].group]++;\n   }\n\n   if (count[defNone] > 0) {\n   defaultResult = defFalse;\n   } else {\n   defaultResult = defTrue;\n   if ((count[defTrue] + count[defFalse]) > 1) {\n   throw { type: 'Runtime',\n   message: `Ambiguous use of \\`default()\\` found when matching for \\`${this.format(args)}\\``,\n   index: this.getIndex(), filename: this.fileInfo().filename };\n   }\n   }\n\n   for (m = 0; m < candidates.length; m++) {\n   candidate = candidates[m].group;\n   if ((candidate === defNone) || (candidate === defaultResult)) {\n   try {\n   mixin = candidates[m].mixin;\n   if (!(mixin instanceof MixinDefinition)) {\n   originalRuleset = mixin.originalRuleset || mixin;\n   mixin = new MixinDefinition('', [], mixin.rules, null, false, null, originalRuleset.visibilityInfo());\n   mixin.originalRuleset = originalRuleset;\n   }\n   const newRules = mixin.evalCall(context, args, this.important).rules;\n   this._setVisibilityToReplacement(newRules);\n   Array.prototype.push.apply(rules, newRules);\n   } catch (e) {\n   throw { message: e.message, index: this.getIndex(), filename: this.fileInfo().filename, stack: e.stack };\n   }\n   }\n   }\n\n   if (match) {\n   return rules;\n   }\n   }\n   if (isOneFound) {\n   throw { type: 'Runtime',\n   message: `No matching definition was found for \\`${this.format(args)}\\``,\n   index: this.getIndex(), filename: this.fileInfo().filename };\n   } else {\n   throw { type: 'Name',\n   message: `${this.selector.toCSS().trim()} is undefined`,\n   index: this.getIndex(), filename: this.fileInfo().filename };\n   }\n   },\n\n   _setVisibilityToReplacement(replacement) {\n   let i, rule;\n   if (this.blocksVisibility()) {\n   for (i = 0; i < replacement.length; i++) {\n   rule = replacement[i];\n   rule.addVisibilityBlock();\n   }\n   }\n   },\n\n   format(args) {\n   return `${this.selector.toCSS().trim()}(${args ? args.map(function (a) {\n            let argValue = '';\n            if (a.name) {\n                argValue += `${a.name}:`;\n            }\n            if (a.value.toCSS) {\n                argValue += a.value.toCSS();\n            } else {\n                argValue += '???';\n            }\n            return argValue;\n        }).join(', ') : ''})`;\n   }\n});\n\nexport default MixinCall;\n","import Node from './node';\nimport Color from './color';\nimport AtRule from './atrule';\nimport DetachedRuleset from './detached-ruleset';\nimport Operation from './operation';\nimport Dimension from './dimension';\nimport Unit from './unit';\nimport Keyword from './keyword';\nimport Variable from './variable';\nimport Property from './property';\nimport Ruleset from './ruleset';\nimport Element from './element';\nimport Attribute from './attribute';\nimport Combinator from './combinator';\nimport Selector from './selector';\nimport Quoted from './quoted';\nimport Expression from './expression';\nimport Declaration from './declaration';\nimport Call from './call';\nimport URL from './url';\nimport Import from './import';\nimport Comment from './comment';\nimport Anonymous from './anonymous';\nimport Value from './value';\nimport JavaScript from './javascript';\nimport Assignment from

'./assignment';\nimport Condition from './condition';\nimport Paren from './paren';\nimport Media from './media';\nimport UnicodeDescriptor from './unicode-descriptor';\nimport Negative from './negative';\nimport Extend from './extend';\nimport VariableCall from './variable-call';\nimport NamespaceValue from './namespace-value';\n\n// mixins\nimport MixinCall from './mixin-call';\nimport MixinDefinition from './mixin-definition';\n\nexport default {\n   Node, Color, AtRule, DetachedRuleset, Operation,\n   Dimension, Unit, Keyword, Variable, Property,\n

    Ruleset, Element, Attribute, Combinator, Selector,\n   Quoted, Expression, Declaration, Call, URL, Import,\n   Comment, Anonymous, Value, JavaScript, Assignment,\n   Condition, Paren, Media, UnicodeDescriptor, Negative,\n   Extend, VariableCall, NamespaceValue,\n   mixin: {\n   Call: MixinCall,\n   Definition: MixinDefinition\n   }\n};","class AbstractFileManager {\n   getPath(filename) {\n   let j = filename.lastIndexOf('?');\n   if (j > 0) {\n   filename = filename.slice(0, j);\n   }\n   j = filename.lastIndexOf('/');\n   if (j < 0) {\n   j = filename.lastIndexOf('\\\\');\n   }\n   if (j < 0) {\n   return '';\n   }\n   return filename.slice(0, j + 1);\n   }\n\n   tryAppendExtension(path, ext) {\n   return /(\\.[a-z]*$)|([\\?;].*)$/.test(path) ? path : path + ext;\n   }\n\n   tryAppendLessExtension(path) {\n   return this.tryAppendExtension(path, '.less');\n   }\n\n   supportsSync()

 {\n   return false;\n   }\n\n   alwaysMakePathsAbsolute() {\n   return false;\n   }\n\n   isPathAbsolute(filename) {\n   return (/^(?:[a-z-]+:|\\/|\\\\|#)/i).test(filename);\n   }\n\n   // TODO: pull out / replace?\n   join(basePath, laterPath) {\n   if (!basePath) {\n   return laterPath;\n   }\n   return basePath + laterPath;\n   }\n\n   pathDiff(url, baseUrl) {\n   // diff between two paths to create a relative path\n\n   const urlParts = this.extractUrlParts(url);\n   const baseUrlParts = this.extractUrlParts(baseUrl);\n   let i;\n   let max;\n   let urlDirectories;\n   let baseUrlDirectories;\n   let diff = '';\n   if (urlParts.hostPart !== baseUrlParts.hostPart) {\n   return '';\n   }\n   max = Math.max(baseUrlParts.directories.length, urlParts.directories.length);\n   for (i = 0; i < max; i++) {\n   if (baseUrlParts.directories[i] !== urlParts.directories[i])

 { break; }\n   }\n   baseUrlDirectories = baseUrlParts.directories.slice(i);\n   urlDirectories = urlParts.directories.slice(i);\n   for (i = 0; i < baseUrlDirectories.length - 1; i++) {\n   diff += '../';\n   }\n   for (i = 0; i < urlDirectories.length - 1; i++) {\n   diff += `${urlDirectories[i]}/`;\n   }\n   return diff;\n   }\n\n   // helper function, not part of API\n   extractUrlParts(url, baseUrl) {\n   // urlParts[1] = protocol://hostname/ OR /\n   // urlParts[2] = / if path relative to host base\n   // urlParts[3] = directories\n   // urlParts[4] = filename\n   // urlParts[5] = parameters\n\n   const urlPartsRegex = /^((?:[a-z-]+:)?\\/{2}(?:[^\\/\\?#]*\\/)|([\\/\\\\]))?((?:[^\\/\\\\\\?#]*[\\/\\\\]])*)([^\\/\\\\\\?#]*)([#\\?].*)?$/i;\n\n   const urlParts = url.match(urlPartsRegex);\n   const returner = {};\n   let rawDirectories = [];\n   const directories

 = [];\n   let i;\n   let baseUrlParts;\n\n   if (!urlParts) {\n   throw new Error(`Could not parse sheet href - '${url}'`);\n   }\n\n   // Stylesheets in IE don't always return the full path\n   if (baseUrl && (!urlParts[1] || urlParts[2])) {\n   baseUrlParts = baseUrl.match(urlPartsRegex);\n   if (!baseUrlParts) {\n   throw new Error(`Could not parse page url - '${baseUrl}'`);\n   }\n   urlParts[1] = urlParts[1] || baseUrlParts[1] || '';\n   if (!urlParts[2]) {\n   urlParts[3] = baseUrlParts[3] + urlParts[3];\n   }\n   }\n\n   if (urlParts[3]) {\n   rawDirectories = urlParts[3].replace(/\\\\/g, '/').split('/');\n\n   // collapse '..' and skip '.'\n   for (i = 0; i < rawDirectories.length; i++) {\n\n   if (rawDirectories[i] === '..') {\n   directories.pop();\n   }   else

if (rawDirectories[i] !== '.') {\n   directories.push(rawDirectories[i]);\n   }\n   }\n   }\n\n   returner.hostPart = urlParts[1];\n   returner.directories = directories;\n   returner.rawPath = (urlParts[1] || '') + rawDirectories.join('/');\n   returner.path = (urlParts[1] || '') + directories.join('/');\n   returner.filename = urlParts[4];\n   returner.fileUrl = returner.path + (urlParts[4] || '');\n   returner.url = returner.fileUrl + (urlParts[5] || '');\n   return returner;\n   }\n}\n\nexport default AbstractFileManager;\n","import functionRegistry from '../functions/function-registry';\nimport LessError from '../less-error';\n\nclass AbstractPluginLoader {\n   constructor() {\n   // Implemented by Node.js plugin loader\n   this.require = function() {\n   return null;\n   }\n   }\n\n   evalPlugin(contents, context, imports, pluginOptions, fileInfo)

{\n\n

  let loader, registry, pluginObj, localModule, pluginManager, filename, result;\n\n   pluginManager = context.pluginManager;\n\n   if (fileInfo) {\n   if (typeof fileInfo === 'string') {\n   filename = fileInfo;\n   }\n   else {\n   filename = fileInfo.filename;\n   }\n   }\n   const shortname = (new this.less.FileManager()).extractUrlParts(filename).filename;\n\n   if (filename) {\n   pluginObj = pluginManager.get(filename);\n\n   if (pluginObj) {\n   result = this.trySetOptions(pluginObj, filename, shortname, pluginOptions);\n   if (result) {\n   return result;\n   }\n   try {\n   if (pluginObj.use) {\n   pluginObj.use.call(this.context, pluginObj);\n   }\n   }\n   catch (e) {\n   e.message = e.message || 'Error during @plugin call';\n   return new LessError(e, imports, filename);\n   }\n   return pluginObj;\n   }\n   }\n   localModule = {\n   exports: {},\n   pluginManager,\n   fileInfo\n   };\n   registry = functionRegistry.create();\n\n   const registerPlugin = function(obj) {\n   pluginObj = obj;\n   };\n\n   try {\n   loader = new Function('module', 'require', 'registerPlugin', 'functions', 'tree', 'less', 'fileInfo', contents);\n   loader(localModule, this.require(filename), registerPlugin, registry, this.less.tree, this.less, fileInfo);\n   }\n   catch (e) {\n   return new LessError(e, imports, filename);\n   }\n\n   if (!pluginObj) {\n   pluginObj = localModule.exports;\n   }\n   pluginObj = this.validatePlugin(pluginObj, filename, shortname);\n\n   if (pluginObj instanceof LessError) {\n   return pluginObj;\n   }\n\n   if (pluginObj) {\n   pluginObj.imports = imports;\n   pluginObj.filename = filename;\n\n   // For < 3.x (or unspecified minVersion) - setOptions() before install()\n   if (!pluginObj.minVersion || this.compareVersion('3.0.0', pluginObj.minVersion) < 0) {\n   result = this.trySetOptions(pluginObj, filename, shortname, pluginOptions);\n\n   if (result) {\n   return result;\n   }\n   }\n\n   // Run on first load\n   pluginManager.addPlugin(pluginObj, fileInfo.filename, registry);\n   pluginObj.functions = registry.getLocalFunctions();\n\n   // Need to call setOptions again because the pluginObj might have functions\n   result = this.trySetOptions(pluginObj, filename, shortname, pluginOptions);\n   if (result) {\n   return result;\n   }\n\n   // Run every @plugin call\n   try {\n   if (pluginObj.use) {\n   pluginObj.use.call(this.context, pluginObj);\n   }\n   }\n   catch (e) {\n   e.message = e.message || 'Error during @plugin call';\n   return new LessError(e, imports, filename);\n   }\n\n   }\n   else {\n   return new LessError({ message: 'Not a valid plugin' }, imports, filename);\n   }\n\n   return pluginObj;\n\n }\n\n trySetOptions(plugin, filename, name, options) {\n   if (options && !plugin.setOptions) {\n   return new LessError({\n   message: `Options have been provided but the plugin ${name} does not support any options.`\n   });\n   }\n   try {\n   plugin.setOptions && plugin.setOptions(options);\n   }\n   catch (e) {\n   return new LessError(e);\n   }\n }\n\n validatePlugin(plugin, filename, name) {\n   if (plugin) {\n   // support plugins being a function\n   // so that the plugin can be more usable programmatically\n   if (typeof plugin === 'function') {\n   plugin = new plugin();\n   }\n\n   if (plugin.minVersion) {\n   if (this.compareVersion(plugin.minVersion, this.less.version) < 0) {\n   return new LessError({\n   message: `Plugin ${name} requires version ${this.versionToString(plugin.minVersion)}`\n   });\n   }\n   }\n   return plugin;\n   }\n   return null;\n }\n\n compareVersion(aVersion, bVersion) {\n   if (typeof aVersion === 'string') {\n   aVersion = aVersion.match(/^(\\d+)\\.?(\\d+)?\\.?(\\d+)?/);\n   aVersion.shift();\n   }\n   for (let i = 0; i < aVersion.length; i++) {\n   if (aVersion[i] !== bVersion[i]) {\n   return parseInt(aVersion[i]) > parseInt(bVersion[i])\n   ? -1 : 1;\n   }\n   }\n   return 0;\n }\n\n versionToString(version) {\n   let versionString = '';\n   for (let i = 0; i < version.length; i++) {\n   versionString += (versionString ? '.' : '') + version[i];\n   }\n   return versionString;\n }\n\n printUsage(plugins) {\n   for (let i = 0; i < plugins.length; i++) {\n   const plugin = plugins[i];\n   if (plugin.printUsage) {\n   plugin.printUsage();\n   }\n   }\n }\n}\n\nexport default AbstractPluginLoader;\n\n","import tree from '../tree';\n\nconst _visitArgs = { visitDeeper:

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true };\nlet _hasIndexed = false;\n\nfunction _noop(node) {\n    return node;\n}\n\nfunction
indexNodeTypes(parent, ticker) {\n    // add .typeIndex to tree node types for lookup table\n    let key, child;\n    for
(key in parent) { \n       /* eslint guard-for-in: 0 */\n        child = parent[key];\n        switch (typeof child) {\n
        case 'function':\n            // ignore bound functions directly on tree which do not have a prototype\n
// or aren't nodes\n            if (child.prototype && child.prototype.type) {\n                child.prototype.typeIndex
= ticker++;\n            }\n            break;\n        case 'object':\n            ticker = indexNodeTypes(child,
ticker);\n            break;\n        }\n    }\n    return ticker;\n}\n\nclass Visitor {\n
constructor(implementation) {\n        this._implementation = implementation;\n        this._visitInCache = {};\n
this._visitOutCache = {};\n\n        if (!_hasIndexed) {\n            indexNodeTypes(tree, 1);\n            _hasIndexed =
true;\n        }\n    }\n\n    visit(node) {\n        if (!node) {\n            return node;\n        }\n\n        const nodeTypeIndex
= node.typeIndex;\n        if (!nodeTypeIndex) {\n            // MixinCall args aren't a node type?\n            if (node.value
 && node.value.typeIndex) {\n                this.visit(node.value);\n            }\n            return node;\n        }\n\n
const impl = this._implementation;\n        let func = this._visitInCache[nodeTypeIndex];\n        let funcOut =
this._visitOutCache[nodeTypeIndex];\n        const visitArgs = _visitArgs;\n        let fnName;\n\n
visitArgs.visitDeeper = true;\n\n        if (!func) {\n            fnName = `visit${node.type}`;\n            func =
impl[fnName] || _noop;\n            funcOut = impl[`${fnName}Out`] || _noop;\n
this._visitInCache[nodeTypeIndex] = func;\n            this._visitOutCache[nodeTypeIndex] = funcOut;\n        }\n\n
if (func !== _noop) {\n            const newNode = func.call(impl, node, visitArgs);\n            if (node &&
impl.isReplacing) {\n                node = newNode;\n            }\n        }\n\n        if (visitArgs.visitDeeper && node) {\n
        if (node.length) {\n                for (let i = 0, cnt =
 node.length; i < cnt; i++) {\n                    if (node[i].accept) {\n                        node[i].accept(this);\n                    }\n
        }\n            } else if (node.accept) {\n                node.accept(this);\n            }\n        }\n\n        if (funcOut !=
_noop) {\n            funcOut.call(impl, node);\n        }\n\n        return node;\n    }\n\n    visitArray(nodes,
nonReplacing) {\n        if (!nodes) {\n            return nodes;\n        }\n\n        const cnt = nodes.length;\n        let i;\n\n
    // Non-replacing\n        if (nonReplacing || !this._implementation.isReplacing) {\n            for (i = 0; i < cnt; i++)
{\n                this.visit(nodes[i]);\n            }\n            return nodes;\n        }\n\n        // Replacing\n        const out =
[];\n        for (i = 0; i < cnt; i++) {\n            const evald = this.visit(nodes[i]);\n            if (evald === undefined) {
continue; }\n            if (!evald.splice) {\n                out.push(evald);\n
        } else if (evald.length) {\n                this.flatten(evald, out);\n            }\n        }\n        return out;\n    }\n\n
flatten(arr, out) {\n        if (!out) {\n            out = [];\n        }\n\n        let cnt, i, item, nestedCnt, j, nestedItem;\n\n
for (i = 0, cnt = arr.length; i < cnt; i++) {\n            item = arr[i];\n            if (item === undefined) {\n
continue;\n            }\n            if (!item.splice) {\n                out.push(item);\n                continue;\n            }\n\n
for (j = 0, nestedCnt = item.length; j < nestedCnt; j++) {\n                nestedItem = item[j];\n                if (nestedItem
=== undefined) {\n                    continue;\n                }\n                if (!nestedItem.splice) {\n
out.push(nestedItem);\n                } else if (nestedItem.length) {\n                    this.flatten(nestedItem, out);\n
 }\n            }\n
    }\n\n        return out;\n    }\n}\n\nexport default Visitor;\n","class ImportSequencer {\n
constructor(onSequencerEmpty) {\n        this.imports = [];\n        this.variableImports = [];\n
this._onSequencerEmpty = onSequencerEmpty;\n        this._currentDepth = 0;\n    }\n\n    addImport(callback) {\n
 const importSequencer = this,\n            importItem = {\n                callback,\n                args: null,\n
isReady: false\n            };\n        this.imports.push(importItem);\n        return function() {\n            importItem.args =
Array.prototype.slice.call(arguments, 0);\n            importItem.isReady = true;\n            importSequencer.tryRun();\n
    };\n    }\n\n    addVariableImport(callback) {\n        this.variableImports.push(callback);\n    }\n\n    tryRun() {\n
    this._currentDepth++;\n        try {\n            while (true) {\n                while (this.imports.length > 0) {\n
const importItem =
 this.imports[0];\n                    if (!importItem.isReady) {\n                        return;\n                    }\n
this.imports = this.imports.slice(1);\n                    importItem.callback.apply(null, importItem.args);\n                }\n
        if (this.variableImports.length === 0) {\n                    break;\n                }\n                const variableImport =
```

this.variableImports[0];\n   this.variableImports = this.variableImports.slice(1);\n
variableImport();\n   }\n   } finally {\n   this._currentDepth--;\n   }\n   if (this._currentDepth
=== 0 && this._onSequencerEmpty) {\n   this._onSequencerEmpty();\n   }\n   }\n}\n\nexport default
ImportSequencer;\n","import contexts from '../contexts';\nimport Visitor from './visitor';\nimport ImportSequencer
from './import-sequencer';\nimport * as utils from '../utils';\n\nconst ImportVisitor = function(importer, finish)
 {\n\n   this._visitor = new Visitor(this);\n   this._importer = importer;\n   this._finish = finish;\n   this.context =
new contexts.Eval();\n   this.importCount = 0;\n   this.onceFileDetectionMap = {};\n   this.recursionDetector =
{};\n   this._sequencer = new
ImportSequencer(this._onSequencerEmpty.bind(this));\n};\n\nImportVisitor.prototype = {\n   isReplacing: false,\n
run: function (root) {\n   try {\n   // process the contents\n   this._visitor.visit(root);\n   }\n
catch (e) {\n   this.error = e;\n   }\n\n   this.isFinished = true;\n   this._sequencer.tryRun();\n   },\n
_onSequencerEmpty: function() {\n   if (!this.isFinished) {\n   return;\n   }\n
this._finish(this.error);\n   },\n   visitImport: function (importNode, visitArgs) {\n   const inlineCSS =
importNode.options.inline;\n\n   if (!importNode.css || inlineCSS) {\n   const context = new
contexts.Eval(this.context,
 utils.copyArray(this.context.frames));\n   const importParent = context.frames[0];\n\n
this.importCount++;\n   if (importNode.isVariableImport()) {\n
this._sequencer.addVariableImport(this.processImportNode.bind(this, importNode, context, importParent));\n
} else {\n   this.processImportNode(importNode, context, importParent);\n   }\n   }\n
visitArgs.visitDeeper = false;\n   },\n   processImportNode: function(importNode, context, importParent) {\n
let evaldImportNode;\n   const inlineCSS = importNode.options.inline;\n\n   try {\n   evaldImportNode =
importNode.evalForImport(context);\n   } catch (e) {\n   if (!e.filename) { e.index = importNode.getIndex();
e.filename = importNode.fileInfo().filename; }\n   // attempt to eval properly and treat as css\n
importNode.css = true;\n   // if that fails, this error will
 be thrown\n   importNode.error = e;\n   }\n\n   if (evaldImportNode && (!evaldImportNode.css ||
inlineCSS)) {\n\n   if (evaldImportNode.options.multiple) {\n   context.importMultiple = true;\n
}\n\n   // try appending if we haven't determined if it is css or not\n   const tryAppendLessExtension =
evaldImportNode.css === undefined;\n\n   for (let i = 0; i < importParent.rules.length; i++) {\n   if
(importParent.rules[i] === importNode) {\n   importParent.rules[i] = evaldImportNode;\n
break;\n   }\n   }\n\n   const onImported = this.onImported.bind(this, evaldImportNode, context),
sequencedOnImported = this._sequencer.addImport(onImported);\n\n
this._importer.push(evaldImportNode.getPath(), tryAppendLessExtension, evaldImportNode.fileInfo(),\n
evaldImportNode.options, sequencedOnImported);\n   } else
 {\n   this.importCount--;\n   if (this.isFinished) {\n   this._sequencer.tryRun();\n   }\n
}\n   },\n   onImported: function (importNode, context, e, root, importedAtRoot, fullPath) {\n   if (e) {\n
if (!e.filename) {\n   e.index = importNode.getIndex(); e.filename = importNode.fileInfo().filename;\n
}\n   this.error = e;\n   }\n\n   const importVisitor = this,\n   inlineCSS =
importNode.options.inline,\n   isPlugin = importNode.options.isPlugin,\n   isOptional =
importNode.options.optional,\n   duplicateImport = importedAtRoot || fullPath in
importVisitor.recursionDetector;\n\n   if (!context.importMultiple) {\n   if (duplicateImport) {\n
importNode.skip = true;\n   } else {\n   importNode.skip = function() {\n   if (fullPath in
importVisitor.onceFileDetectionMap) {\n
                    return true;\n   }\n   importVisitor.onceFileDetectionMap[fullPath] = true;\n
    return false;\n   };\n   }\n   }\n\n   if (!fullPath && isOptional) {\n   importNode.skip =
true;\n   }\n\n   if (root) {\n   importNode.root = root;\n   importNode.importedFilename =
fullPath;\n\n   if (!inlineCSS && !isPlugin && (context.importMultiple || !duplicateImport)) {\n
importVisitor.recursionDetector[fullPath] = true;\n\n   const oldContext = this.context;\n
this.context = context;\n   try {\n   this._visitor.visit(root);\n   } catch (e) {\n

this.error = e;\n   }\n   this.context = oldContext;\n   }\n   }\n\n\n   importVisitor.importCount--;\n\n   if (importVisitor.isFinished) {\n   importVisitor._sequencer.tryRun();\n   }\n   },\n   visitDeclaration: function (declNode, visitArgs) {\n   if (declNode.value.type === 'DetachedRuleset') {\n   this.context.frames.unshift(declNode);\n   } else {\n   visitArgs.visitDeeper = false;\n   }\n   },\n   visitDeclarationOut: function(declNode) {\n   if (declNode.value.type === 'DetachedRuleset') {\n   this.context.frames.shift();\n   }\n   },\n   visitAtRule: function (atRuleNode, visitArgs) {\n   this.context.frames.unshift(atRuleNode);\n   },\n   visitAtRuleOut: function (atRuleNode) {\n   this.context.frames.shift();\n   },\n   visitMixinDefinition: function (mixinDefinitionNode, visitArgs) {\n   this.context.frames.unshift(mixinDefinitionNode);\n   },\n   visitMixinDefinitionOut: function (mixinDefinitionNode) {\n   this.context.frames.shift();\n   },\n   visitRuleset: function (rulesetNode, visitArgs) {\n   this.context.frames.unshift(rulesetNode);\n

    },\n   visitRulesetOut: function (rulesetNode) {\n   this.context.frames.shift();\n   },\n   visitMedia: function (mediaNode, visitArgs) {\n   this.context.frames.unshift(mediaNode.rules[0]);\n   },\n   visitMediaOut: function (mediaNode) {\n   this.context.frames.shift();\n   }\n};\nexport default ImportVisitor;\n","class SetTreeVisibilityVisitor {\n   constructor(visible) {\n   this.visible = visible;\n   }\n\n   run(root) {\n   this.visit(root);\n   }\n\n   visitArray(nodes) {\n   if (!nodes) {\n   return nodes;\n   }\n\n   const cnt = nodes.length;\n   let i;\n   for (i = 0; i < cnt; i++) {\n   this.visit(nodes[i]);\n   }\n   return nodes;\n   }\n\n   visit(node) {\n   if (!node) {\n   return node;\n   }\n   if (node.constructor === Array) {\n   return this.visitArray(node);\n   }\n\n   if (!node.blocksVisibility || node.blocksVisibility())
    {\n   return node;\n   }\n   if (this.visible) {\n   node.ensureVisibility();\n   } else {\n   node.ensureInvisibility();\n   }\n\n   node.accept(this);\n   return node;\n   }\n}\n\nexport default SetTreeVisibilityVisitor;","import tree from '../tree';\nimport Visitor from './visitor';\nimport logger from '../logger';\nimport * as utils from '../utils';\n\n/* jshint loopfunc:true */\n\nclass ExtendFinderVisitor {\n   constructor() {\n   this._visitor = new Visitor(this);\n   this.contexts = [];\n   this.allExtendsStack = [[]];\n   }\n\n   run(root) {\n   root = this._visitor.visit(root);\n   root.allExtends = this.allExtendsStack[0];\n   return root;\n   }\n\n   visitDeclaration(declNode, visitArgs) {\n   visitArgs.visitDeeper = false;\n   }\n\n   visitMixinDefinition(mixinDefinitionNode, visitArgs) {\n   visitArgs.visitDeeper = false;\n   }\n\n   visitRuleset(rulesetNode,

    visitArgs) {\n   if (rulesetNode.root) {\n   return;\n   }\n\n   let i;\n   let j;\n   let extend;\n   const allSelectorsExtendList = [];\n   let extendList;\n\n   // get &:extend(.a); rules which apply to all selectors in this ruleset\n   const rules = rulesetNode.rules, ruleCnt = rules ? rules.length : 0;\n   for (i = 0; i < ruleCnt; i++) {\n   if (rulesetNode.rules[i] instanceof tree.Extend) {\n   allSelectorsExtendList.push(rules[i]);\n   rulesetNode.extendOnEveryPath = true;\n   }\n   }\n\n   // now find every selector and apply the extends that apply to all extends\n   // and the ones which apply to an individual extend\n   const paths = rulesetNode.paths;\n   for (i = 0; i < paths.length; i++) {\n   const selectorPath = paths[i], selector = selectorPath[selectorPath.length - 1], selExtendList = selector.extendList;\n\n   extendList = selExtendList
     ? utils.copyArray(selExtendList).concat(allSelectorsExtendList)\n   : allSelectorsExtendList;\n\n   if (extendList) {\n   extendList = extendList.map(function(allSelectorsExtend) {\n   return allSelectorsExtend.clone();\n   });\n   }\n\n   for (j = 0; j < extendList.length; j++) {\n   this.foundExtends = true;\n   extend = extendList[j];\n   extend.findSelfSelectors(selectorPath);\n   extend.ruleset = rulesetNode;\n   if (j === 0) { extend.firstExtendOnThisSelectorPath = true; }\n   this.allExtendsStack[this.allExtendsStack.length - 1].push(extend);\n   }\n   }\n\n   this.contexts.push(rulesetNode.selectors);\n   }\n\n   visitRulesetOut(rulesetNode) {\n   if (!rulesetNode.root) {\n   this.contexts.length = this.contexts.length - 1;\n   }\n   }\n\n   visitMedia(mediaNode, visitArgs)
    {\n   mediaNode.allExtends = [];\n   this.allExtendsStack.push(mediaNode.allExtends);\n   }\n\n   visitMediaOut(mediaNode) {\n   this.allExtendsStack.length = this.allExtendsStack.length - 1;\n   }\n\n   visitAtRule(atRuleNode, visitArgs) {\n   atRuleNode.allExtends = [];\n   this.allExtendsStack.push(atRuleNode.allExtends);\n   }\n\n   visitAtRuleOut(atRuleNode) {\n

this.allExtendsStack.length = this.allExtendsStack.length - 1;\n   }\n}\n\nclass ProcessExtendsVisitor {\n   constructor() {\n   this._visitor = new Visitor(this);\n   }\n\n   run(root) {\n   const extendFinder = new ExtendFinderVisitor();\n   this.extendIndices = {};\n   extendFinder.run(root);\n   if (!extendFinder.foundExtends) { return root; }\n   root.allExtends = root.allExtends.concat(this.doExtendChaining(root.allExtends, root.allExtends));\n   this.allExtendsStack = [root.allExtends];\n   const newRoot = this._visitor.visit(root);\n   this.checkExtendsForNonMatched(root.allExtends);\n   return newRoot;\n   }\n\n   checkExtendsForNonMatched(extendList) {\n   const indices = this.extendIndices;\n   extendList.filter(function(extend) {\n   return !extend.hasFoundMatches && extend.parent_ids.length == 1;\n   }).forEach(function(extend) {\n   let selector = '_unknown_';\n   try {\n   selector = extend.selector.toCSS({});\n   }\n   catch (_) {}\n\n   if (!indices[`${extend.index} ${selector}`]) {\n   indices[`${extend.index} ${selector}`] = true;\n   logger.warn(`extend '${selector}' has no matches`);\n   }\n   });\n   }\n\n   doExtendChaining(extendsList, extendsListTarget, iterationCount) {\n   //\n   // chaining is different from normal extension.. if we extend an extend then we are not just copying, altering\n   // and pasting the selector we would do normally,
 but we are also adding an extend with the same target selector\n   // this means this new extend can then go and alter other extends\n   //\n   // this method deals with all the chaining work - without it, extend is flat and doesn't work on other extend selectors\n   // this is also the most expensive.. and a match on one selector can cause an extension of a selector we had already\n   // processed if we look at each selector at a time, as is done in visitRuleset\n\n   let extendIndex;\n\n   let targetExtendIndex;\n   let matches;\n   const extendsToAdd = [];\n   let newSelector;\n   const extendVisitor = this;\n   let selectorPath;\n   let extend;\n   let targetExtend;\n   let newExtend;\n\n   iterationCount = iterationCount || 0;\n\n   // loop through comparing every extend with every target extend.\n   // a target extend is the one on the ruleset we are looking at copy/edit/pasting in place\n
        // e.g. .a:extend(.b) {} and .b:extend(.c) {} then the first extend extends the second one\n   // and the second is the target.\n   // the separation into two lists allows us to process a subset of chains with a bigger set, as is the\n   // case when processing media queries\n   for (extendIndex = 0; extendIndex < extendsList.length; extendIndex++) {\n   for (targetExtendIndex = 0; targetExtendIndex < extendsListTarget.length; targetExtendIndex++) {\n\n   extend = extendsList[extendIndex];\n   targetExtend = extendsListTarget[targetExtendIndex];\n\n   // look for circular references\n   if (extend.parent_ids.indexOf(targetExtend.object_id) >= 0) { continue; }\n\n   // find a match in the target extends self selector (the bit before :extend)\n   selectorPath = [targetExtend.selfSelectors[0]];\n   matches = extendVisitor.findMatch(extend, selectorPath);\n\n   if (matches.length) {\n   extend.hasFoundMatches = true;\n\n   // we found a match, so for each self selector..\n   extend.selfSelectors.forEach(function(selfSelector) {\n   const info = targetExtend.visibilityInfo();\n\n   // process the extend as usual\n   newSelector = extendVisitor.extendSelector(matches, selectorPath, selfSelector, extend.isVisible());\n\n   // but now we create a new extend from it\n   newExtend = new(tree.Extend)(targetExtend.selector, targetExtend.option, 0, targetExtend.fileInfo(), info);\n   newExtend.selfSelectors = newSelector;\n\n   // add the extend onto the list of extends for that selector\n   newSelector[newSelector.length - 1].extendList = [newExtend];\n\n   // record that we need to add it.\n   extendsToAdd.push(newExtend);\n   newExtend.ruleset = targetExtend.ruleset;\n\n   // remember its parents for circular references\n   newExtend.parent_ids = newExtend.parent_ids.concat(targetExtend.parent_ids, extend.parent_ids);\n\n   // only process the selector once.. if we have :extend(.a,.b) then multiple\n   // extends will look at the same selector path, so when extending\n   // we know that any others will be duplicates in terms of what is added to the css\n   if (targetExtend.firstExtendOnThisSelectorPath) {\n   newExtend.firstExtendOnThisSelectorPath = true;\n

targetExtend.ruleset.paths.push(newSelector);\n   }\n   });\n   }\n   }\n
}\n\n   if (extendsToAdd.length) {\n   // try to detect
 circular references to stop a stack overflow.\n   // may no longer be needed.\n
this.extendChainCount++;\n   if (iterationCount > 100) {\n   let selectorOne = '{unable to calculate}';\n
          let selectorTwo = '{unable to calculate}';\n   try {\n   selectorOne =
extendsToAdd[0].selfSelectors[0].toCSS();\n   selectorTwo = extendsToAdd[0].selector.toCSS();\n
     }\n   catch (e) {}\n   throw { message: `extend circular reference detected. One of the circular
extends is currently:${selectorOne}:extend(${selectorTwo})`};\n   }\n\n   // now process the new extends
on the existing rules so that we can handle a extending b extending c extending\n   // d extending e...\n
return extendsToAdd.concat(extendVisitor.doExtendChaining(extendsToAdd, extendsListTarget, iterationCount +
1));\n   } else {\n   return
 extendsToAdd;\n   }\n   }\n\n   visitDeclaration(ruleNode, visitArgs) {\n   visitArgs.visitDeeper = false;\n
}\n\n   visitMixinDefinition(mixinDefinitionNode, visitArgs) {\n   visitArgs.visitDeeper = false;\n   }\n\n
visitSelector(selectorNode, visitArgs) {\n   visitArgs.visitDeeper = false;\n   }\n\n   visitRuleset(rulesetNode,
visitArgs) {\n   if (rulesetNode.root) {\n   return;\n   }\n   let matches;\n   let pathIndex;\n   let
extendIndex;\n   const allExtends = this.allExtendsStack[this.allExtendsStack.length - 1];\n   const
selectorsToAdd = [];\n   const extendVisitor = this;\n   let selectorPath;\n\n   // look at each selector path in
the ruleset, find any extend matches and then copy, find and replace\n\n   for (extendIndex = 0; extendIndex <
allExtends.length; extendIndex++) {\n   for (pathIndex = 0; pathIndex < rulesetNode.paths.length;
pathIndex++) {\n   selectorPath
 = rulesetNode.paths[pathIndex];\n\n   // extending extends happens initially, before the main pass\n
if (rulesetNode.extendOnEveryPath) { continue; }\n   const extendList = selectorPath[selectorPath.length -
1].extendList;\n   if (extendList && extendList.length) { continue; }\n\n   matches =
this.findMatch(allExtends[extendIndex], selectorPath);\n\n   if (matches.length) {\n
allExtends[extendIndex].hasFoundMatches = true;\n\n
allExtends[extendIndex].selfSelectors.forEach(function(selfSelector) {\n   let extendedSelectors;\n
     extendedSelectors = extendVisitor.extendSelector(matches, selectorPath, selfSelector,
allExtends[extendIndex].isVisible());\n   selectorsToAdd.push(extendedSelectors);\n   });\n
     }\n   }\n   }\n   rulesetNode.paths = rulesetNode.paths.concat(selectorsToAdd);\n
     }\n\n   findMatch(extend, haystackSelectorPath) {\n   //\n   // look through the haystack selector path to try
and find the needle - extend.selector\n   // returns an array of selector matches that can then be replaced\n   //\n
     let haystackSelectorIndex;\n\n   let hackstackSelector;\n   let hackstackElementIndex;\n   let
haystackElement;\n   let targetCombinator;\n   let i;\n   const extendVisitor = this;\n   const
needleElements = extend.selector.elements;\n   const potentialMatches = [];\n   let potentialMatch;\n   const
matches = [];\n\n   // loop through the haystack elements\n   for (haystackSelectorIndex = 0;
haystackSelectorIndex < haystackSelectorPath.length; haystackSelectorIndex++) {\n   hackstackSelector =
haystackSelectorPath[haystackSelectorIndex];\n\n   for (hackstackElementIndex = 0; hackstackElementIndex
< hackstackSelector.elements.length;
 hackstackElementIndex++) {\n\n   haystackElement =
hackstackSelector.elements[hackstackElementIndex];\n\n   // if we allow elements before our match we can
add a potential match every time. otherwise only at the first element.\n   if (extend.allowBefore ||
(haystackSelectorIndex === 0 && hackstackElementIndex === 0)) {\n
potentialMatches.push({pathIndex: haystackSelectorIndex, index: hackstackElementIndex, matched: 0,\n
     initialCombinator: haystackElement.combinator});\n   }\n\n   for (i = 0; i <
potentialMatches.length; i++) {\n   potentialMatch = potentialMatches[i];\n\n   // selectors add
\" \" onto the first element. When we use & it joins the selectors together, but if we don't\n   // then each
selector in haystackSelectorPath has a space before it added in the toCSS phase. so we need to\n   // work

out what the resulting combinator will be\n   targetCombinator = haystackElement.combinator.value;\n   if (targetCombinator === '' && hackstackElementIndex === 0) {\n   targetCombinator = ' ';\n   }\n\n   // if we don't match, null our match to indicate failure\n   if (!extendVisitor.isElementValuesEqual(needleElements[potentialMatch.matched].value, haystackElement.value) ||\n   (potentialMatch.matched > 0 && needleElements[potentialMatch.matched].combinator.value !== targetCombinator)) {\n   potentialMatch = null;\n   } else {\n   potentialMatch.matched++;\n   }\n\n   // if we are still valid and have finished, test whether we have elements after and whether these are allowed\n   if (potentialMatch) {\n   potentialMatch.finished

= potentialMatch.matched === needleElements.length;\n   if (potentialMatch.finished &&\n   (!extend.allowAfter &&\n   (hackstackElementIndex + 1 < hackstackSelector.elements.length || haystackSelectorIndex + 1 < haystackSelectorPath.length))) {\n   potentialMatch = null;\n   }\n   }\n   // if null we remove, if not, we are still valid, so either push as a valid match or continue\n   if (potentialMatch) {\n   if (potentialMatch.finished) {\n   potentialMatch.length = needleElements.length;\n   potentialMatch.endPathIndex = haystackSelectorIndex;\n   potentialMatch.endPathElementIndex = hackstackElementIndex + 1; // index after end of match\n   potentialMatches.length = 0; // we don't allow matches to

 overlap, so start matching again\n   matches.push(potentialMatch);\n   }\n   } else {\n   potentialMatches.splice(i, 1);\n   i--;\n   }\n   }\n   }\n   return matches;\n   }\n\n   isElementValuesEqual(elementValue1, elementValue2) {\n   if (typeof elementValue1 === 'string' || typeof elementValue2 === 'string') {\n   return elementValue1 === elementValue2;\n   }\n   if (elementValue1 instanceof tree.Attribute) {\n   if (elementValue1.op !== elementValue2.op || elementValue1.key !== elementValue2.key) {\n   return false;\n   }\n   if (!elementValue1.value || !elementValue2.value) {\n   if (elementValue1.value || elementValue2.value) {\n   return false;\n   }\n   return true;\n   }\n   elementValue1

= elementValue1.value.value || elementValue1.value;\n   elementValue2 = elementValue2.value.value || elementValue2.value;\n   return elementValue1 === elementValue2;\n   }\n   elementValue1 = elementValue1.value;\n   elementValue2 = elementValue2.value;\n   if (elementValue1 instanceof tree.Selector) {\n   if (!(elementValue2 instanceof tree.Selector) || elementValue1.elements.length !== elementValue2.elements.length) {\n   return false;\n   }\n   for (let i = 0; i < elementValue1.elements.length; i++) {\n   if (elementValue1.elements[i].combinator.value !== elementValue2.elements[i].combinator.value) {\n   if (i !== 0 || (elementValue1.elements[i].combinator.value || ' ') !== (elementValue2.elements[i].combinator.value || ' ')) {\n   return false;\n   }\n   }\n   if (!this.isElementValuesEqual(elementValue1.elements[i].value,

 elementValue2.elements[i].value)) {\n   return false;\n   }\n   }\n   return true;\n   }\n   return false;\n   }\n\n   extendSelector(matches, selectorPath, replacementSelector, isVisible) {\n\n   // for a set of matches, replace each match with the replacement selector\n\n   let currentSelectorPathIndex = 0, currentSelectorPathElementIndex = 0, path = [], matchIndex, selector, firstElement, match, newElements;\n\n   for (matchIndex = 0; matchIndex < matches.length; matchIndex++) {\n   match = matches[matchIndex];\n   selector = selectorPath[match.pathIndex];\n   firstElement = new tree.Element(\n   match.initialCombinator,\n   replacementSelector.elements[0].value,\n   replacementSelector.elements[0].isVariable,\n   replacementSelector.elements[0].getIndex(),\n   replacementSelector.elements[0].fileInfo()\n

            );\n\n   if (match.pathIndex > currentSelectorPathIndex && currentSelectorPathElementIndex > 0) {\n   path[path.length - 1].elements = path[path.length - 1]\n   .elements.concat(selectorPath[currentSelectorPathIndex].elements.slice(currentSelectorPathElementIndex));\n

currentSelectorPathElementIndex = 0;\n   currentSelectorPathIndex++;\n   }\n\n
newElements = selector.elements\n   .slice(currentSelectorPathElementIndex, match.index)\n
.concat([firstElement])\n   .concat(replacementSelector.elements.slice(1));\n\n   if
(currentSelectorPathIndex === match.pathIndex && matchIndex > 0) {\n   path[path.length - 1].elements
=\n   path[path.length - 1].elements.concat(newElements);\n   } else {\n   path =
path.concat(selectorPath.slice(currentSelectorPathIndex, match.pathIndex));\n\n
        path.push(new tree.Selector(\n   newElements\n   ));\n   }\n
currentSelectorPathIndex = match.endPathIndex;\n   currentSelectorPathElementIndex =
match.endPathElementIndex;\n   if (currentSelectorPathElementIndex >=
selectorPath[currentSelectorPathIndex].elements.length) {\n   currentSelectorPathElementIndex = 0;\n
    currentSelectorPathIndex++;\n   }\n   }\n\n   if (currentSelectorPathIndex < selectorPath.length &&
currentSelectorPathElementIndex > 0) {\n   path[path.length - 1].elements = path[path.length - 1]\n
.elements.concat(selectorPath[currentSelectorPathIndex].elements.slice(currentSelectorPathElementIndex));\n
currentSelectorPathIndex++;\n   }\n\n   path = path.concat(selectorPath.slice(currentSelectorPathIndex,
selectorPath.length));\n   path = path.map(function (currentValue) {\n   // we can re-use
 elements here, because the visibility property matters only for selectors\n   const derived =
currentValue.createDerived(currentValue.elements);\n   if (isVisible) {\n   derived.ensureVisibility();\n
        } else {\n   derived.ensureInvisibility();\n   }\n   return derived;\n   });\n   return
path;\n   }\n\n   visitMedia(mediaNode, visitArgs) {\n   let newAllExtends =
mediaNode.allExtends.concat(this.allExtendsStack[this.allExtendsStack.length - 1]);\n   newAllExtends =
newAllExtends.concat(this.doExtendChaining(newAllExtends, mediaNode.allExtends));\n
this.allExtendsStack.push(newAllExtends);\n   }\n\n   visitMediaOut(mediaNode) {\n   const lastIndex =
this.allExtendsStack.length - 1;\n   this.allExtendsStack.length = lastIndex;\n   }\n\n   visitAtRule(atRuleNode,
visitArgs) {\n   let newAllExtends =
atRuleNode.allExtends.concat(this.allExtendsStack[this.allExtendsStack.length
 - 1]);\n   newAllExtends = newAllExtends.concat(this.doExtendChaining(newAllExtends,
atRuleNode.allExtends));\n   this.allExtendsStack.push(newAllExtends);\n   }\n\n   visitAtRuleOut(atRuleNode)
{\n   const lastIndex = this.allExtendsStack.length - 1;\n   this.allExtendsStack.length = lastIndex;\n
}\n}\n\nexport default ProcessExtendsVisitor;\n","import Visitor from './visitor';\n\nclass JoinSelectorVisitor {\n
constructor() {\n   this.contexts = [[]];\n   this._visitor = new Visitor(this);\n   }\n\n   run(root) {\n   return
this._visitor.visit(root);\n   }\n\n   visitDeclaration(declNode, visitArgs) {\n   visitArgs.visitDeeper = false;\n
}\n\n   visitMixinDefinition(mixinDefinitionNode, visitArgs) {\n   visitArgs.visitDeeper = false;\n   }\n\n
visitRuleset(rulesetNode, visitArgs) {\n   const context = this.contexts[this.contexts.length - 1];\n   const paths
= [];\n   let selectors;\n\n   this.contexts.push(paths);\n\n
    if (!rulesetNode.root) {\n   selectors = rulesetNode.selectors;\n   if (selectors) {\n   selectors
= selectors.filter(function(selector) { return selector.getIsOutput(); });\n   rulesetNode.selectors =
selectors.length ? selectors : (selectors = null);\n   if (selectors) { rulesetNode.joinSelectors(paths, context,
selectors); }\n   }\n   if (!selectors) { rulesetNode.rules = null; }\n   rulesetNode.paths = paths;\n
}\n   }\n\n   visitRulesetOut(rulesetNode) {\n   this.contexts.length = this.contexts.length - 1;\n   }\n\n
visitMedia(mediaNode, visitArgs) {\n   const context = this.contexts[this.contexts.length - 1];\n
mediaNode.rules[0].root = (context.length === 0 || context[0].multiMedia);\n   }\n\n   visitAtRule(atRuleNode,
visitArgs) {\n   const context = this.contexts[this.contexts.length - 1];\n   if (atRuleNode.rules &&
atRuleNode.rules.length)
{\n   atRuleNode.rules[0].root = (atRuleNode.isRooted || context.length === 0 || null);\n   }\n
}\n}\n\nexport default JoinSelectorVisitor;\n","import tree from '../tree';\nimport Visitor from './visitor';\n\nclass
CSSVisitorUtils {\n   constructor(context) {\n   this._visitor = new Visitor(this);\n   this._context = context;\n
}\n\n   containsSilentNonBlockedChild(bodyRules) {\n   let rule;\n   if (!bodyRules) {\n   return false;\n
}\n   for (let r = 0; r < bodyRules.length; r++) {\n   rule = bodyRules[r];\n   if (rule.isSilent &&

rule.isSilent(this._context) && !rule.blocksVisibility()) {\n   // the atrule contains something that was referenced (likely by extend)\n   // therefore it needs to be shown in output too\n   return true;\n   }\n   }\n   return false;\n   }\n\n   keepOnlyVisibleChilds(owner) {\n   if (owner && owner.rules) {\n   owner.rules = owner.rules.filter(thing => thing.isVisible());\n   }\n   }\n\n   isEmpty(owner) {\n   return (owner && owner.rules) \n   ? (owner.rules.length === 0) : true;\n   }\n\n   hasVisibleSelector(rulesetNode) {\n   return (rulesetNode && rulesetNode.paths)\n   ? (rulesetNode.paths.length > 0) : false;\n   }\n\n   resolveVisibility(node, originalRules) {\n   if (!node.blocksVisibility()) {\n   if (this.isEmpty(node) && !this.containsSilentNonBlockedChild(originalRules)) {\n   return ;\n   }\n\n   return node;\n   }\n\n   const compiledRulesBody = node.rules[0];\n   this.keepOnlyVisibleChilds(compiledRulesBody);\n\n   if (this.isEmpty(compiledRulesBody)) {\n   return ;\n   }\n\n   node.ensureVisibility();\n   node.removeVisibilityBlock();\n\n   return node;\n   }\n\n   isVisibleRuleset(rulesetNode) {\n   if (rulesetNode.firstRoot)
 {\n   return true;\n   }\n\n   if (this.isEmpty(rulesetNode)) {\n   return false;\n   }\n\n   if (!rulesetNode.root && !this.hasVisibleSelector(rulesetNode)) {\n   return false;\n   }\n\n   return true;\n   }\n}\n\nconst ToCSSVisitor = function(context) {\n   this._visitor = new Visitor(this);\n   this._context = context;\n   this.utils = new CSSVisitorUtils(context);\n};\n\nToCSSVisitor.prototype = {\n   isReplacing: true,\n   run: function (root) {\n   return this._visitor.visit(root);\n   },\n   visitDeclaration: function (declNode, visitArgs) {\n   if (declNode.blocksVisibility() || declNode.variable) {\n   return;\n   }\n   return declNode;\n   },\n\n   visitMixinDefinition: function (mixinNode, visitArgs) {\n   // mixin definitions do not get eval'd - this means they keep state\n   // so we have to clear that state here so it isn't used if toCSS is called twice\n   mixinNode.frames = [];\n   },\n\n   visitExtend: function (extendNode, visitArgs) {\n   },\n\n   visitComment: function (commentNode, visitArgs) {\n   if (commentNode.blocksVisibility() || commentNode.isSilent(this._context)) {\n   return;\n   }\n   return commentNode;\n   },\n\n   visitMedia: function(mediaNode, visitArgs) {\n   const originalRules = mediaNode.rules[0].rules;\n   mediaNode.accept(this._visitor);\n   visitArgs.visitDeeper = false;\n\n   return this.utils.resolveVisibility(mediaNode, originalRules);\n   },\n\n   visitImport: function (importNode, visitArgs) {\n   if (importNode.blocksVisibility()) {\n   return ;\n   }\n   return importNode;\n   },\n\n   visitAtRule: function(atRuleNode, visitArgs) {\n   if (atRuleNode.rules && atRuleNode.rules.length) {\n   return this.visitAtRuleWithBody(atRuleNode, visitArgs);\n   } else {\n   return this.visitAtRuleWithoutBody(atRuleNode,
 visitArgs);\n   }\n   },\n\n   visitAnonymous: function(anonymousNode, visitArgs) {\n   if (!anonymousNode.blocksVisibility()) {\n   anonymousNode.accept(this._visitor);\n   return anonymousNode;\n   }\n   },\n\n   visitAtRuleWithBody: function(atRuleNode, visitArgs) {\n   // if there is only one nested ruleset and that one has no path, then it is\n   // just fake ruleset\n   function hasFakeRuleset(atRuleNode) {\n   const bodyRules = atRuleNode.rules;\n   return bodyRules.length === 1 && (!bodyRules[0].paths || bodyRules[0].paths.length === 0);\n   }\n   function getBodyRules(atRuleNode) {\n   const nodeRules = atRuleNode.rules;\n   if (hasFakeRuleset(atRuleNode)) {\n   return nodeRules[0].rules;\n   }\n\n   return nodeRules;\n   }\n   // it is still true that it is only one ruleset in array\n   // this is last such
 moment\n   // process childs\n   const originalRules = getBodyRules(atRuleNode);\n   atRuleNode.accept(this._visitor);\n   visitArgs.visitDeeper = false;\n\n   if (!this.utils.isEmpty(atRuleNode)) {\n   this._mergeRules(atRuleNode.rules[0].rules);\n   }\n\n   return this.utils.resolveVisibility(atRuleNode, originalRules);\n   },\n\n   visitAtRuleWithoutBody: function(atRuleNode, visitArgs) {\n   if (atRuleNode.blocksVisibility()) {\n   return;\n   }\n\n   if (atRuleNode.name === '@charset') {\n   // Only output the debug info together with subsequent @charset definitions\n   // a comment (or @media statement) before the actual @charset atrule would\n   // be considered illegal css as it has to be on the first line\n   if (this.charset) {\n   if (atRuleNode.debugInfo) {\n   const

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comment = new tree.Comment(`/* ${atRuleNode.toCSS(this._context).replace(/\n/g,
")} */\n`);\n                comment.debugInfo = atRuleNode.debugInfo;\n                return
this._visitor.visit(comment);\n            }\n            return;\n        }\n        this.charset = true;\n    }\n\n
return atRuleNode;\n    },\n\n    checkValidNodes: function(rules, isRoot) {\n        if (!rules) {\n            return;\n
}\n\n        for (let i = 0; i < rules.length; i++) {\n            const ruleNode = rules[i];\n            if (isRoot && ruleNode
instanceof tree.Declaration && !ruleNode.variable) {\n                throw { message: 'Properties must be inside
selector blocks. They cannot be in the root',\n                    index: ruleNode.getIndex(), filename: ruleNode.fileInfo()
&& ruleNode.fileInfo().filename};\n            }\n            if (ruleNode instanceof tree.Call) {\n                throw {
message: `Function '${ruleNode.name}' did not return a root node`,\n                    index: ruleNode.getIndex(),
filename:
 ruleNode.fileInfo() && ruleNode.fileInfo().filename};\n            }\n            if (ruleNode.type &&
!ruleNode.allowRoot) {\n                throw { message: `${ruleNode.type} node returned by a function is not valid
here`,\n                    index: ruleNode.getIndex(), filename: ruleNode.fileInfo() && ruleNode.fileInfo().filename};\n
    }\n        }\n    },\n\n    visitRuleset: function (rulesetNode, visitArgs) {\n        // at this point rulesets are nested
into each other\n        let rule;\n\n        const rulesets = [];\n\n        this.checkValidNodes(rulesetNode.rules,
rulesetNode.firstRoot);\n        if (!rulesetNode.root) {\n            // remove invisible paths\n
this._compileRulesetPaths(rulesetNode);\n            // remove rulesets from this ruleset body and compile them
separately\n            const nodeRules = rulesetNode.rules;\n\n            let nodeRuleCnt = nodeRules ?
nodeRules.length : 0;\n            for (let i = 0; i < nodeRuleCnt;
 ) {\n                rule = nodeRules[i];\n                if (rule && rule.rules) {\n                    // visit because we are moving
them out from being a child\n                    rulesets.push(this._visitor.visit(rule));\n                    nodeRules.splice(i,
1);\n                    nodeRuleCnt--;\n                    continue;\n                }\n                i++;\n            }\n            // accept
the visitor to remove rules and refactor itself\n            // then we can decide nogw whether we want it or not\n
// compile body\n            if (nodeRuleCnt > 0) {\n                rulesetNode.accept(this._visitor);\n            } else {\n
    rulesetNode.rules = null;\n            }\n            visitArgs.visitDeeper = false;\n        } else { // if (!
rulesetNode.root) {\n            rulesetNode.accept(this._visitor);\n            visitArgs.visitDeeper = false;\n        }\n\n
if (rulesetNode.rules) {\n            this._mergeRules(rulesetNode.rules);\n
    this._removeDuplicateRules(rulesetNode.rules);\n        }\n\n        // now decide whether we keep the ruleset\n
    if (this.utils.isVisibleRuleset(rulesetNode)) {\n            rulesetNode.ensureVisibility();\n            rulesets.splice(0,
0, rulesetNode);\n        }\n\n        if (rulesets.length === 1) {\n            return rulesets[0];\n        }\n        return
rulesets;\n    },\n\n    _compileRulesetPaths: function(rulesetNode) {\n        if (rulesetNode.paths) {\n
rulesetNode.paths = rulesetNode.paths\n                .filter(p => {\n                    let i;\n                    if
(p[0].elements[0].combinator.value === ' ') {\n                        p[0].elements[0].combinator =
new(tree.Combinator)('');\n                    }\n                    for (i = 0; i < p.length; i++) {\n                        if
(p[i].isVisible() && p[i].getIsOutput()) {\n                            return true;\n                        }\n
 }\n                    return false;\n                });\n        }\n    },\n\n    _removeDuplicateRules: function(rules) {\n        if
(!rules) { return; }\n\n        // remove duplicates\n        const ruleCache = {};\n\n        let ruleList;\n        let rule;\n
 let i;\n\n        for (i = rules.length - 1; i >= 0 ; i--) {\n            rule = rules[i];\n            if (rule instanceof
tree.Declaration) {\n                if (!ruleCache[rule.name]) {\n                    ruleCache[rule.name] = rule;\n                }
else {\n                    ruleList = ruleCache[rule.name];\n                    if (ruleList instanceof tree.Declaration) {\n
        ruleList = ruleCache[rule.name] = [ruleCache[rule.name].toCSS(this._context)];\n                    }\n
const ruleCSS = rule.toCSS(this._context);\n                    if (ruleList.indexOf(ruleCSS) !== -1) {\n
rules.splice(i, 1);\n                    } else {\n
        ruleList.push(ruleCSS);\n                    }\n                }\n            }\n        }\n    },\n\n    _mergeRules:
function(rules) {\n        if (!rules) {\n            return; \n        }\n\n        const groups    = {};\n        const groupsArr =
[];\n\n        for (let i = 0; i < rules.length; i++) {\n            const rule = rules[i];\n            if (rule.merge) {\n
const key = rule.name;\n                groups[key] ? rules.splice(i--, 1) : \n                    groupsArr.push(groups[key] =
[]);\n                groups[key].push(rule);\n            }\n        }\n\n        groupsArr.forEach(group => {\n            if
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(group.length > 0) {\n   const result = group[0];\n   let space = [];\n   const comma = [new tree.Expression(space)];\n   group.forEach(rule => {\n   if ((rule.merge === '+') && (space.length > 0)) {\n   comma.push(new tree.Expression(space = []));\n   }\n   space.push(rule.value);\n   result.important = result.important || rule.important;\n   });\n   result.value = new tree.Value(comma);\n   }\n   });\n   }\n};\n\nexport default ToCSSVisitor;\n","import Visitor from './visitor';\nimport ImportVisitor from './import-visitor';\nimport MarkVisibleSelectorsVisitor from './set-tree-visibility-visitor';\nimport ExtendVisitor from './extend-visitor';\nimport JoinSelectorVisitor from './join-selector-visitor';\nimport ToCSSVisitor from './to-css-visitor';\n\nexport default {\n   Visitor,\n   ImportVisitor,\n   MarkVisibleSelectorsVisitor,\n   ExtendVisitor,\n   JoinSelectorVisitor,\n   ToCSSVisitor\n};\n","import chunker from './chunker';\n\nexport default () => {\n   let // Less input string\n   input;\n\n   let // current chunk\n   j;\n\n   const // holds state for backtracking\n   saveStack = [];\n\n   let // furthest index the parser has gone to\n   furthest;\n\n   let // if this is furthest we got to, this is the probably cause\n   furthestPossibleErrorMessage;\n\n   let // chunkified input\n   chunks;\n\n   let // current chunk\n   current;\n\n   let // index of current chunk, in `input`\n   currentPos;\n\n   const parserInput = {};\n   const CHARCODE_SPACE = 32;\n   const CHARCODE_TAB = 9;\n   const CHARCODE_LF = 10;\n   const CHARCODE_CR = 13;\n   const CHARCODE_PLUS = 43;\n   const CHARCODE_COMMA = 44;\n   const CHARCODE_FORWARD_SLASH = 47;\n   const CHARCODE_9 = 57;\n\n   function skipWhitespace(length) {\n   const oldi = parserInput.i;\n   const oldj = j;\n   const curr = parserInput.i - currentPos;\n   const endIndex = parserInput.i + current.length - curr;\n   const mem = (parserInput.i += length);\n   const inp = input;\n   let c;\n   let nextChar;\n   let comment;\n\n   for (; parserInput.i < endIndex; parserInput.i++) {\n   c = inp.charCodeAt(parserInput.i);\n\n   if (parserInput.autoCommentAbsorb && c === CHARCODE_FORWARD_SLASH) {\n   nextChar = inp.charAt(parserInput.i + 1);\n   if (nextChar === '/') {\n   comment = {index: parserInput.i, isLineComment: true};\n   let nextNewLine = inp.indexOf('\\n', parserInput.i + 2);\n   if (nextNewLine < 0) {\n   nextNewLine = endIndex;\n   }\n   parserInput.i = nextNewLine;\n   comment.text = inp.substr(comment.index, parserInput.i - comment.index);\n   parserInput.commentStore.push(comment);\n   continue;\n   } else if (nextChar === '*') {\n   const nextStarSlash = inp.indexOf('*/', parserInput.i + 2);\n   if (nextStarSlash >= 0) {\n   comment = {\n   index: parserInput.i,\n   text: inp.substr(parserInput.i, nextStarSlash + 2 - parserInput.i),\n   isLineComment: false\n   };\n   parserInput.i += comment.text.length - 1;\n   parserInput.commentStore.push(comment);\n   continue;\n   }\n   }\n   break;\n   }\n\n   if ((c !== CHARCODE_SPACE) && (c !== CHARCODE_LF) && (c !== CHARCODE_TAB) && (c !== CHARCODE_CR)) {\n   break;\n   }\n   }\n\n   current = current.slice(length + parserInput.i - mem + curr);\n   currentPos = parserInput.i;\n\n   if (!current.length) {\n   if (j < chunks.length - 1) {\n   current = chunks[++j];\n   skipWhitespace(0); // skip space at the beginning of a chunk\n   return true; // things changed\n   }\n   parserInput.finished = true;\n   }\n\n   return oldi !== parserInput.i || oldj !== j;\n   }\n\n   parserInput.save = () => {\n   currentPos = parserInput.i;\n   saveStack.push({ current, i: parserInput.i, j });\n   };\n   parserInput.restore = possibleErrorMessage => {\n\n   if (parserInput.i > furthest || (parserInput.i === furthest && possibleErrorMessage && !furthestPossibleErrorMessage)) {\n   furthest = parserInput.i;\n   furthestPossibleErrorMessage = possibleErrorMessage;\n   }\n   const state = saveStack.pop();\n   current = state.current;\n   currentPos = parserInput.i = state.i;\n   j = state.j;\n   };\n   parserInput.forget = () => {\n   saveStack.pop();\n   };\n   parserInput.isWhitespace = offset => {\n   const pos = parserInput.i + (offset || 0);\n   const code = input.charCodeAt(pos);\n   return (code === CHARCODE_SPACE || code === CHARCODE_CR || code === CHARCODE_TAB || code ===

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 CHARCODE_LF);\n    };\n\n    // Specialization of $(tok)\n    parserInput.$re = tok => {\n        if (parserInput.i >
currentPos) {\n            current = current.slice(parserInput.i - currentPos);\n            currentPos = parserInput.i;\n
}\n\n        const m = tok.exec(current);\n        if (!m) {\n            return null;\n        }\n\n
skipWhitespace(m[0].length);\n        if (typeof m === 'string') {\n            return m;\n        }\n\n        return m.length
=== 1 ? m[0] : m;\n    };\n\n    parserInput.$char = tok => {\n        if (input.charAt(parserInput.i) !== tok) {\n
return null;\n        }\n        skipWhitespace(1);\n        return tok;\n    };\n\n    parserInput.$str = tok => {\n        const
tokLength = tok.length;\n\n        // https://jsperf.com/string-startswith/21\n        for (let i = 0; i < tokLength; i++) {\n
if (input.charAt(parserInput.i + i) !== tok.charAt(i)) {\n                return null;\n            }\n        }\n\n
skipWhitespace(tokLength);\n        return tok;\n    };\n\n    parserInput.$quoted = loc => {\n        const pos = loc
|| parserInput.i;\n        const startChar = input.charAt(pos);\n\n        if (startChar !== '\\'' && startChar !== '\"') {\n
return;\n        }\n        const length = input.length;\n        const currentPosition = pos;\n\n        for (let i = 1; i +
currentPosition < length; i++) {\n            const nextChar = input.charAt(i + currentPosition);\n            switch
(nextChar) {\n                case '\\\\':\n                    i++;\n                    continue;\n                case '\\r':\n                case
'\\n':\n                    break;\n                case startChar:\n                    const str = input.substr(currentPosition, i + 1);\n
if (!loc && loc !== 0) {\n                        skipWhitespace(i + 1);\n                        return str\n                    }\n
return [startChar, str];\n
default:\n                }\n        }\n        return null;\n    };\n\n    /**\n     * Permissive parsing. Ignores everything
except matching {} [] () and quotes\n     * until matching token (outside of blocks)\n     */\n
parserInput.$parseUntil = tok => {\n        let quote = '';\n        let returnVal = null;\n        let inComment = false;\n
let blockDepth = 0;\n        const blockStack = [];\n        const parseGroups = [];\n        const length = input.length;\n
const startPos = parserInput.i;\n        let lastPos = parserInput.i;\n        let i = parserInput.i;\n        let loop = true;\n
let testChar;\n\n        if (typeof tok === 'string') {\n            testChar = char => char === tok\n        } else {\n
testChar = char => tok.test(char)\n        }\n\n        do {\n            let prevChar;\n            let nextChar =
input.charAt(i);\n            if (blockDepth === 0 && testChar(nextChar)) {\n                returnVal =
input.substr(lastPos,
i - lastPos);\n                if (returnVal) {\n                    parseGroups.push(returnVal);\n                }\n                else {\n
parseGroups.push(' ');\n                }\n                returnVal = parseGroups;\n                skipWhitespace(i -
startPos);\n                loop = false\n            } else {\n                if (inComment) {\n                    if (nextChar === '*'
&& \n                        input.charAt(i + 1) === '/') {\n                        i++;\n                        blockDepth--;\n
inComment = false;\n                    }\n                    i++;\n                    continue;\n                }\n                switch
(nextChar) {\n                    case '\\\\':\n                        i++;\n                        nextChar = input.charAt(i);\n
parseGroups.push(input.substr(lastPos, i - lastPos + 1));\n                        lastPos = i + 1;\n
break;\n                    case '/':\n                        if (input.charAt(i + 1) === '*') {\n                            i++;\n
inComment = true;\n                            blockDepth++;\n                        }\n                        break;\n
case '\\'':\n                    case '\"':\n                        quote = parserInput.$quoted(i);\n                        if (quote) {\n
parseGroups.push(input.substr(lastPos, i - lastPos), quote);\n                            i += quote[1].length - 1;\n
lastPos = i + 1;\n                        }\n                        else {\n                            skipWhitespace(i -
startPos);\n                            returnVal = nextChar;\n                            loop = false;\n                        }\n
break;\n                    case '{':\n                        blockStack.push('}');\n
blockDepth++;\n                        break;\n                    case '(':\n                        blockStack.push(')');\n
blockDepth++;\n                        break;\n                    case '[':\n                        blockStack.push(']');\n
blockDepth++;\n                        break;\n                    case '}':\n                    case ')':\n                    case ']':\n
const expected = blockStack.pop();\n                        if (nextChar === expected) {\n
blockDepth--;\n                        } else {\n                            // move the parser to the error and return expected\n
skipWhitespace(i - startPos);\n                            returnVal = expected;\n                            loop = false;\n
}\n                }\n                i++;\n                if (i > length) {\n                    loop
= false;\n                }\n            }\n            prevChar = nextChar;\n        } while (loop);\n\n        return returnVal ?
returnVal : null;\n    };\n\n    parserInput.autoCommentAbsorb = true;\n    parserInput.commentStore = [];\n
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parserInput.finished = false;\n\n   // Same as $(), but don't change the state of the parser,\n   // just return the match.\n   parserInput.peek = tok => {\n   if (typeof tok === 'string') {\n   // https://jsperf.com/string-startswith/21\n   for (let i = 0; i < tok.length; i++) {\n   if (input.charAt(parserInput.i + i) !== tok.charAt(i)) {\n   return false;\n   }\n   }\n   return true;\n   } else {\n   return tok.test(current);\n   }\n   };\n\n   // Specialization of peek()\n   // TODO remove or change some currentChar calls to peekChar\n   parserInput.peekChar = tok => input.charAt(parserInput.i) === tok;\n\n   parserInput.currentChar

= () => input.charAt(parserInput.i);\n\n   parserInput.prevChar = () => input.charAt(parserInput.i - 1);\n\n   parserInput.getInput = () => input;\n\n   parserInput.peekNotNumeric = () => {\n   const c = input.charCodeAt(parserInput.i);\n   // Is the first char of the dimension 0-9, '.', '+' or '-'\n   return (c > CHARCODE_9 || c < CHARCODE_PLUS) || c === CHARCODE_FORWARD_SLASH || c === CHARCODE_COMMA;\n   };\n\n   parserInput.start = (str, chunkInput, failFunction) => {\n   input = str;\n   parserInput.i = j = currentPos = furthest = 0;\n\n   // chunking apparently makes things quicker (but my tests indicate\n   // it might actually make things slower in node at least)\n   // and it is a non-perfect parse - it can't recognise\n   // unquoted urls, meaning it can't distinguish comments\n   // meaning comments with quotes or {}() in them get 'counted'\n   // and then lead to parse errors.\n   // In addition if the chunking

chunks in the wrong place we might\n   // not be able to parse a parser statement in one go\n   // this is officially deprecated but can be switched on via an option\n   // in the case it causes too much performance issues.\n   if (chunkInput) {\n   chunks = chunker(str, failFunction);\n   } else {\n   chunks = [str];\n   }\n\n   current = chunks[0];\n   skipWhitespace(0);\n   };\n\n   parserInput.end = () => {\n   let message;\n   const isFinished = parserInput.i >= input.length;\n   if (parserInput.i < furthest) {\n   message = furthestPossibleErrorMessage;\n   parserInput.i = furthest;\n   }\n   return {\n   isFinished,\n   furthest: parserInput.i,\n   furthestPossibleErrorMessage: message,\n   furthestReachedEnd: parserInput.i >= input.length - 1,\n   furthestChar: input[parserInput.i]\n   };\n   };\n\n   return parserInput;\n};\n","// Split the input into chunks.\nexport default function (input, fail) {\n   const len = input.length;\n   let level = 0;\n   let parenLevel = 0;\n   let lastOpening;\n   let lastOpeningParen;\n   let lastMultiComment;\n   let lastMultiCommentEndBrace;\n   const chunks = [];\n   let emitFrom = 0;\n   let chunkerCurrentIndex;\n   let currentChunkStartIndex;\n   let cc;\n   let cc2;\n   let matched;\n\n   function emitChunk(force) {\n   const len = chunkerCurrentIndex - emitFrom;\n   if (((len < 512) && !force) || !len) {\n   return;\n   }\n   chunks.push(input.slice(emitFrom, chunkerCurrentIndex + 1));\n   emitFrom = chunkerCurrentIndex + 1;\n   }\n\n   for (chunkerCurrentIndex = 0; chunkerCurrentIndex < len; chunkerCurrentIndex++) {\n   cc = input.charCodeAt(chunkerCurrentIndex);\n   if (((cc >= 97) && (cc <= 122)) || (cc < 34)) {\n   // a-z or whitespace\n   continue;\n   }\n\n   switch
(cc) {\n   case 40:   // (\n   parenLevel++;\n   lastOpeningParen = chunkerCurrentIndex;\n   continue;\n   case 41:   //)\n   if (--parenLevel < 0) {\n   return fail('missing opening `(', chunkerCurrentIndex);\n   }\n   continue;\n   case 59:   // ;\n   if (!parenLevel) { emitChunk(); }\n   continue;\n   case 123:
// {\n   level++;\n   lastOpening = chunkerCurrentIndex;\n   continue;\n   case 125:
// }\n   if (--level < 0) {\n   return fail('missing opening `{', chunkerCurrentIndex);\n   }\n   if (!level && !parenLevel) { emitChunk(); }\n   continue;\n   case 92:
// \\\n

                if (chunkerCurrentIndex < len - 1) { chunkerCurrentIndex++; continue; }\n   return fail('unescaped `\\\\`', chunkerCurrentIndex);\n   case 34:\n   case 39:\n   case 96:   // \", ' and `\n   matched = 0;\n   currentChunkStartIndex = chunkerCurrentIndex;\n   for (chunkerCurrentIndex = chunkerCurrentIndex + 1; chunkerCurrentIndex < len; chunkerCurrentIndex++) {\n   cc2 = input.charCodeAt(chunkerCurrentIndex);\n   if (cc2 > 96) { continue; }\n   if (cc2 == cc) {\n   matched = 1; break; }\n   if (cc2 == 92) {   // \\\n   if (chunkerCurrentIndex == len - 1) {\n

return fail('unescaped `\\\\`', chunkerCurrentIndex);\n   }\n   chunkerCurrentIndex++;\n   }\n   }\n   if (matched) { continue;
    }\n   return fail(`unmatched \\`${String.fromCharCode(cc)}\\``, currentChunkStartIndex);\n   case 47:
              // /, check for comment\n   if (parenLevel || (chunkerCurrentIndex == len - 1)) { continue; }\n
        cc2 = input.charCodeAt(chunkerCurrentIndex + 1);\n   if (cc2 == 47) {\n   // //, find
lnfeed\n   for (chunkerCurrentIndex = chunkerCurrentIndex + 2; chunkerCurrentIndex < len;
chunkerCurrentIndex++) {\n   cc2 = input.charCodeAt(chunkerCurrentIndex);\n   if ((cc2
<= 13) && ((cc2 == 10) || (cc2 == 13))) { break; }\n   }\n   } else if (cc2 == 42) {\n   //
/*, find */\n   lastMultiComment = currentChunkStartIndex = chunkerCurrentIndex;\n   for
(chunkerCurrentIndex = chunkerCurrentIndex + 2; chunkerCurrentIndex < len - 1; chunkerCurrentIndex++) {\n
        cc2 = input.charCodeAt(chunkerCurrentIndex);\n   if (cc2 == 125) {
lastMultiCommentEndBrace = chunkerCurrentIndex; }\n   if (cc2 != 42) { continue; }\n
if (input.charCodeAt(chunkerCurrentIndex + 1) == 47) { break; }\n   }\n   if
(chunkerCurrentIndex == len - 1) {\n   return fail('missing closing `*/`', currentChunkStartIndex);\n
        }\n   chunkerCurrentIndex++;\n   }\n   continue;\n   case 42:   //
*, check for unmatched */\n   if ((chunkerCurrentIndex < len - 1) &&
(input.charCodeAt(chunkerCurrentIndex + 1) == 47)) {\n   return fail('unmatched `/*`',
chunkerCurrentIndex);\n   }\n   continue;\n   }\n   }\n\n   if (level !== 0) {\n   if
((lastMultiComment > lastOpening) && (lastMultiCommentEndBrace > lastMultiComment))
    {\n   return fail('missing closing `}` or `*/`', lastOpening);\n   } else {\n   return fail('missing closing
`}`', lastOpening);\n   }\n   } else if (parenLevel !== 0) {\n   return fail('missing closing `)`',
lastOpeningParen);\n   }\n\n   emitChunk(true);\n   return chunks;\n};\n","import LessError from '../less-
error';\nimport tree from '../tree';\nimport visitors from '../visitors';\nimport getParserInput from './parser-
input';\nimport * as utils from '../utils';\nimport functionRegistry from '../functions/function-registry';\n\n/\n// less.js
- parser\n//\n//   A relatively straight-forward predictive parser.\n//   There is no tokenization/lexing stage, the input
is parsed\n//   in one sweep.\n//\n//   To make the parser fast enough to run in the browser, several\n//
optimization had to be made:\n//\n//   - Matching and slicing on a huge input is often cause of slowdowns.\n//
The solution is to chunkify the input into
 smaller strings.\n//   The chunks are stored in the `chunks` var,\n//   `j` holds the current chunk index, and
`currentPos` holds\n//   the index of the current chunk in relation to `input`.\n//   This gives us an almost 4x
speed-up.\n//\n//   - In many cases, we don't need to match individual tokens;\n//   for example, if a value doesn't
hold any variables, operations\n//   or dynamic references, the parser can effectively 'skip' it,\n//   treating it as a
literal.\n//   An example would be '1px solid #000' - which evaluates to itself,\n//   we don't need to know what
the individual components are.\n//   The drawback, of course is that you don't get the benefits of\n//   syntax-
checking on the CSS. This gives us a 50% speed-up in the parser,\n//   and a smaller speed-up in the code-
gen.\n//\n//\n//   Token matching is done with the `$` function, which either takes\n//   a terminal string or regexp,
or a non-terminal function to call.\n//   It
 also takes care of moving all the indices forwards.\n//\n\nconst Parser = function Parser(context, imports, fileInfo)
{\n   let parsers;\n   const parserInput = getParserInput();\n\n   function error(msg, type) {\n   throw new
LessError(\n   {\n   index: parserInput.i,\n   filename: fileInfo.filename,\n   type: type ||
'Syntax',\n   message: msg\n   },\n   imports\n   );\n   }\n\n   function expect(arg, msg) {\n
// some older browsers return typeof 'function' for RegExp\n   const result = (arg instanceof Function) ?
arg.call(parsers) : parserInput.$re(arg);\n   if (result) {\n   return result;\n   }\n   \n   error(msg ||
(typeof arg === 'string'\n   ? `expected '${arg}' got '${parserInput.currentChar()}'`\n   : 'unexpected
token'));\n   }\n\n   // Specialization of expect()\n   function expectChar(arg, msg) {\n   if
(parserInput.$char(arg))
    {\n   return arg;\n   }\n   error(msg || `expected '${arg}' got '${parserInput.currentChar()}'`);\n   }\n\n
function getDebugInfo(index) {\n   const filename = fileInfo.filename;\n\n   return {\n   lineNumber:

utils.getLocation(index, parserInput.getInput()).line + 1,\n   fileName: filename\n   };\n   }\n\n   /**\n   *
Used after initial parsing to create nodes on the fly\n   * \n   * @param {String} str   - string to parse \n   *
@param {Array} parseList   - array of parsers to run input through e.g. [\"value\", \"important\"]\n   * @param
{Number} currentIndex - start number to begin indexing\n   * @param {Object} fileInfo   - fileInfo to attach to
created nodes\n   */\n   function parseNode(str, parseList, currentIndex, fileInfo, callback) {\n   let result;\n
const returnNodes = [];\n   const parser = parserInput;\n\n   try {\n   parser.start(str, false,
 function fail(msg, index) {\n   callback({\n   message: msg,\n   index: index +
currentIndex\n   });\n   });\n   for (let x = 0, p, i; (p = parseList[x]); x++) {\n   i =
parser.i;\n   result = parsers[p]();\n   if (result) {\n   try {\n   result._index = i
+ currentIndex;\n   result._fileInfo = fileInfo;\n   } catch (e) {}\n
returnNodes.push(result);\n   }\n   else {\n   returnNodes.push(null);\n   }\n
}\n\n   const endInfo = parser.end();\n   if (endInfo.isFinished) {\n   callback(null,
returnNodes);\n   }\n   else {\n   callback(true, null);\n   }\n   } catch (e) {\n   throw
new LessError({\n   index: e.index
 + currentIndex,\n   message: e.message\n   }, imports, fileInfo.filename);\n   }\n   }\n\n   //\n   //
The Parser\n   //\n   return {\n   parserInput,\n   imports,\n   fileInfo,\n   parseNode,\n   //\n   //
Parse an input string into an abstract syntax tree,\n   // @param str A string containing 'less' markup\n   //
@param callback call `callback` when done.\n   // @param [additionalData] An optional map which can contains
vars - a map (key, value) of variables to apply\n   //\n   parse: function (str, callback, additionalData) {\n
let root;\n   let err = null;\n   let globalVars;\n   let modifyVars;\n   let ignored;\n   let
preText = '';\n\n   // Optionally disable @plugin parsing\n   if (additionalData &&
additionalData.disablePluginRule) {\n   parsers.plugin = function() {\n   var dir =
parserInput.$re(/^@plugin?\\s+/);\n
            if (dir) {\n   error('@plugin statements are not allowed when disablePluginRule is set to
true');\n   }\n   }\n   };\n\n   globalVars = (additionalData &&
additionalData.globalVars) ? `${Parser.serializeVars(additionalData.globalVars)}\\n` : '';\n   modifyVars =
(additionalData && additionalData.modifyVars) ? `\\n${Parser.serializeVars(additionalData.modifyVars)}` : '';\n\n
   if (context.pluginManager) {\n   const preProcessors = context.pluginManager.getPreProcessors();\n
    for (let i = 0; i < preProcessors.length; i++) {\n   str = preProcessors[i].process(str, { context,
imports, fileInfo });\n   }\n   }\n\n   if (globalVars || (additionalData && additionalData.banner))
{\n   preText = ((additionalData && additionalData.banner) ? additionalData.banner : '') + globalVars;\n
       ignored = imports.contentsIgnoredChars;\n   ignored[fileInfo.filename] =
ignored[fileInfo.filename] || 0;\n   ignored[fileInfo.filename] += preText.length;\n   }\n\n   str =
str.replace(/\\r\\n?/g, '\\n');\n   // Remove potential UTF Byte Order Mark\n   str = preText +
str.replace(/^\\uFEFF/, '') + modifyVars;\n   imports.contents[fileInfo.filename] = str;\n\n   // Start with
the primary rule.\n   // The whole syntax tree is held under a Ruleset node,\n   // with the `root` property
set to true, so no `{}` are\n   // output. The callback is called when the input is parsed.\n   try {\n
parserInput.start(str, context.chunkInput, function fail(msg, index) {\n   throw new LessError({\n
    index,\n   type: 'Parse',\n   message: msg,\n   filename:
 fileInfo.filename\n   }, imports);\n   });\n\n   tree.Node.prototype.parse = this;\n
root = new tree.Ruleset(null, this.parsers.primary());\n   tree.Node.prototype.rootNode = root;\n
root.root = true;\n   root.firstRoot = true;\n   root.functionRegistry = functionRegistry.inherit();\n
  \n   } catch (e) {\n   return callback(new LessError(e, imports, fileInfo.filename));\n   }\n\n
   // If `i` is smaller than the `input.length - 1`,\n   // it means the parser wasn't able to parse the whole\n
 // string, so we've got a parsing error.\n   //\n   // We try to extract a \\n delimited string,\n   //
showing the line where the parse error occurred.\n   // We split it up into two parts (the part which parsed,\n
   // and the part which didn't), so we can color them

differently.\n   const endInfo = parserInput.end();\n   if (!endInfo.isFinished) {\n\n   let message = endInfo.furthestPossibleErrorMessage;\n\n   if (!message) {\n   message = 'Unrecognised input';\n   if (endInfo.furthestChar === '}') {\n   message += '. Possibly missing opening \\'{\\";\n   } else if (endInfo.furthestChar === ')') {\n   message += '. Possibly missing opening \\'(\\";\n   } else if (endInfo.furthestReachedEnd) {\n   message += '. Possibly missing something';\n   }\n   }\n\n   err = new LessError({\n   type: 'Parse',\n   message,\n   index: endInfo.furthest,\n   filename: fileInfo.filename\n   },
imports);\n   }\n\n   const finish = e => {\n
          e = err || e || imports.error;\n   if (e) {\n   if (!(e instanceof LessError)) {\n   e = new LessError(e, imports, fileInfo.filename);\n   }\n\n   return callback(e);\n   }\n
          else {\n   return callback(null, root);\n   }\n   };\n\n   if (context.processImports !== false) {\n   new visitors.ImportVisitor(imports, finish)\n   .run(root);\n   } else {\n
return finish();\n   }\n   },\n\n   //\n   // Here in, the parsing rules/functions\n   //\n   // The basic structure of the syntax tree generated is as follows:\n   //\n   // Ruleset -> Declaration -> Value -> Expression -> Entity\n   //\n   // Here's some Less code:\n   //\n   // .class {\n   // color: #fff;\n   // border: 1px solid
#000;\n   // width: @w + 4px;\n   // > .child {...}\n   // }\n   //\n   // And here's what the parse tree might look like:\n   //\n   // Ruleset (Selector '.class', [\n   // Declaration (\"color\", Value ([Expression [Color #fff]]))\n   // Declaration (\"border\", Value ([Expression [Dimension 1px][Keyword \"solid\"][Color #000]]))\n   // Declaration (\"width\", Value ([Expression [Operation \" + \" [Variable \"@w\"][Dimension 4px]]]))\n   // Ruleset (Selector [Element '>', '.child'], [...])\n   //])\n   //\n   // In general, most rules will try to parse a token with the `$re()` function, and if the return\n   // value is truly, will return a new node, of the relevant type. Sometimes, we need to check\n   // first, before parsing, that's when we use `peek()`.\n   //\n   parsers: parsers = {\n   //\n   // The `primary` rule
is the *entry* and *exit* point of the parser.\n   // The rules here can appear at any level of the parse tree.\n   //\n   // The recursive nature of the grammar is an interplay between the `block`\n   // rule, which represents `{ ... }`, the `ruleset` rule, and this `primary` rule,\n   // as represented by this simplified grammar:\n   //\n   // primary (ruleset | declaration)+\n   // ruleset selector+ block\n   // block '{' primary '}'\n   //\n   // Only at one point is the primary rule not called from the\n   // block rule: at the root level.\n   //\n   primary: function () {\n   const mixin = this.mixin;\n   let root = [];\n   let node;\n\n   while (true) {\n   while (true) {\n   node = this.comment();\n   if (!node) { break;
}\n   root.push(node);\n   }\n   // always process comments before deciding if finished\n   if (parserInput.finished) {\n   break;\n   }\n   if (parserInput.peek('}')) {\n   break;\n   }\n\n   node = this.extendRule();\n
          if (node) {\n   root = root.concat(node);\n   continue;\n   }\n\n   node = mixin.definition() || this.declaration() || mixin.call(false, false) || \n   this.ruleset() || this.variableCall() || this.entities.call() || this.atrule();\n   if (node) {\n   root.push(node);\n   } else {\n   let foundSemiColon = false;\n   while (parserInput.$char(';')) {\n
          foundSemiColon = true;\n   }\n   if (!foundSemiColon) {\n   break;\n   }\n   }\n   }\n\n   return root;\n   },\n\n   // comments are collected by the main parsing mechanism and then assigned to nodes\n   // where the current structure allows it\n   comment: function () {\n   if (parserInput.commentStore.length) {\n   const comment = parserInput.commentStore.shift();\n   return new(tree.Comment)(comment.text, comment.isLineComment, comment.index, fileInfo);\n   }\n   },\n\n   //\n   // Entities are tokens which can be found inside an Expression\n   //\n   entities: {\n   mixinLookup: function() {\n   return parsers.mixin.call(true, true);\n   },\n   //\n

```
// A string, which supports escaping \" and '\n                    //\n            //     \"milky way\" 'he\\'s the one!'\n
//\n            quoted: function (forceEscaped) {\n            let str;\n            const index = parserInput.i;\n
let isEscaped = false;\n\n            parserInput.save();\n            if (parserInput.$char('~')) {\n
isEscaped = true;\n            } else if (forceEscaped) {\n            parserInput.restore();\n
return;\n            }\n\n            str = parserInput.$quoted();\n            if (!str) {\n
parserInput.restore();\n            return;\n            }\n            parserInput.forget();\n\n
return new(tree.Quoted)(str.charAt(0), str.substr(1, str.length - 2), isEscaped, index, fileInfo);\n            },\n\n
//\n            // A catch-all word, such as:\n            //\n            //     black border-collapse\n            //\n
keyword: function () {\n            const k = parserInput.$char('%') || parserInput.$re(/^\\[?(?:[\\w-]|\\\\(?:[A-
Fa-f0-9]{1,6} ?|[^A-Fa-f0-9]))+\\]?/);\n            if (k) {\n            return tree.Color.fromKeyword(k) ||
new(tree.Keyword)(k);\n            }\n            },\n\n            //\n            // A function call\n            //\n
//     rgb(255, 0, 255)\n            //\n            // The arguments are parsed with the `entities.arguments` parser.\n
//\n            call: function () {\n            let name;\n            let args;\n            let func;\n
const index = parserInput.i;\n\n            // http://jsperf.com/case-insensitive-regex-vs-strtolower-then-
regex/18\n
if (parserInput.peek(/^url\\(/i)) {\n            return;\n            }\n\n
parserInput.save();\n\n            name = parserInput.$re(/^([\\w-]+|%|~|progid:[\\w\\.]+)\\(/);\n            if
(!name) {\n            parserInput.forget(); \n            return;\n            }\n\n            name =
name[1];\n            func = this.customFuncCall(name);\n            if (func) {\n            args =
func.parse();\n            if (args && func.stop) {\n            parserInput.forget();\n
return args;\n            }\n            }\n\n            args = this.arguments(args);\n\n            if
(!parserInput.$char(')')) {\n            parserInput.restore('Could not parse call arguments or missing \\')\\'");\n
return;\n            }\n\n
parserInput.forget();\n\n            return new(tree.Call)(name, args, index, fileInfo);\n            },\n
\n            //\n            // Parsing rules for functions with non-standard args, e.g.:\n            //\n            //
boolean(not(2 > 1))\n            //\n            //     This is a quick prototype, to be modified/improved when\n
//     more custom-parsed funcs come (e.g. `selector(...)`)\n            //\n\n            customFuncCall: function
(name) {\n            /* Ideally the table is to be moved out of here for faster perf.,\n            but it's quite
tricky since it relies on all these `parsers`\n            and `expect` available only here */\n            return {\n
alpha:   f(parsers.ieAlpha, true),\n            boolean: f(condition),\n            'if':
f(condition)\n
}[name.toLowerCase()];\n\n            function f(parse, stop) {\n            return {\n
parse, // parsing function\n            stop   // when true - stop after parse() and return its result, \n
// otherwise continue for plain args\n            };\n            }\n            \n            function
condition() {\n            return [expect(parsers.condition, 'expected condition')];\n            }\n
},\n\n            arguments: function (prevArgs) {\n            let argsComma = prevArgs || [];\n            const
argsSemiColon = [];\n            let isSemiColonSeparated;\n            let value;\n\n
parserInput.save();\n\n            while (true) {\n            if (prevArgs) {\n            prevArgs =
false;\n            } else {\n
value = parsers.detachedRuleset() || this.assignment() || parsers.expression();\n            if
(!value) {\n            break;\n            }\n\n            if (value.value &&
value.value.length == 1) {\n            value = value.value[0];\n            }\n\n
argsComma.push(value);\n            }\n\n            if (parserInput.$char(',')) {\n
continue;\n            }\n\n            if (parserInput.$char(';') || isSemiColonSeparated) {\n
isSemiColonSeparated = true;\n            value = (argsComma.length < 1) ? argsComma[0]\n
: new tree.Value(argsComma);\n            argsSemiColon.push(value);\n            argsComma =
[];\n            }\n
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                }\n\n                        parserInput.forget();\n                        return isSemiColonSeparated ? argsSemiColon :
argsComma;\n            },\n            literal: function () {\n                    return this.dimension() ||\n
this.color() ||\n                                this.quoted() ||\n                        this.unicodeDescriptor();\n                    },\n\n
            // Assignments are argument entities for calls.\n            // They are present in ie filter properties as shown below.\n
            //\n            //    filter: progid:DXImageTransform.Microsoft.Alpha( *opacity=50* )\n            //\n\n
            assignment: function () {\n                let key;\n                let value;\n                parserInput.save();\n
            key = parserInput.$re(/^\w+(?=\s?=)/i);\n                if (!key) {\n                    parserInput.restore();\n


                return;\n                }\n                if (!parserInput.$char('=')) {\n                    parserInput.restore();\n
                return;\n                }\n                value = parsers.entity();\n                if (value) {\n
parserInput.forget();\n                    return new(tree.Assignment)(key, value);\n                } else {\n
parserInput.restore();\n                }\n            },\n\n            //\n            // Parse url() tokens\n            //\n
            // We use a specific rule for urls, because they don't really behave like\n            // standard function calls. The
difference is that the argument doesn't have\n            // to be enclosed within a string, so it can't be parsed as an
Expression.\n            //\n            url: function () {\n                let value;\n                const index =
parserInput.i;\n\n

                parserInput.autoCommentAbsorb = false;\n                if (!parserInput.$str('url(')) {\n
parserInput.autoCommentAbsorb = true;\n                    return;\n                }\n\n                value =
this.quoted() || this.variable() || this.property() ||\n                    parserInput.$re(/^(?:(?:\\\[\(\\)'\"])|[^\(\\)'\"])+/)
|| '';\n                parserInput.autoCommentAbsorb = true;\n\n                expectChar(')');\n\n                return
new(tree.URL)((value.value != null || \n                value instanceof tree.Variable || \n                value
instanceof tree.Property) ?\n                value : new(tree.Anonymous)(value, index), index, fileInfo);\n
},\n\n            //\n            // A Variable entity, such as `@fink`, in\n            //\n            //    width: @fink +
2px\n            //\n            // We
use a different parser for variable definitions,\n            // see `parsers.variable`.\n            //\n            variable:
function () {\n            let ch;\n            let name;\n                const index = parserInput.i;\n\n
parserInput.save();\n                if (parserInput.currentChar() === '@' && (name = parserInput.$re(/^@@?[\w-
]+/))) {\n            ch = parserInput.currentChar();\n                    if (ch === '(' || ch === '[' &&
!parserInput.prevChar().match(/^\s/)) {\n                    // this may be a VariableCall lookup\n
const result = parsers.variableCall(name);\n                    if (result) {\n                        parserInput.forget();\n
                return result;\n                }\n                }\n                parserInput.forget();\n
        return new(tree.Variable)(name,
index, fileInfo);\n                }\n                parserInput.restore();\n            },\n\n            // A variable entity
using the protective {} e.g. @{var}\n            variableCurly: function () {\n                let curly;\n
const index = parserInput.i;\n\n                if (parserInput.currentChar() === '@' && (curly =
parserInput.$re(/^@\{([\w-]+)\}/))) {\n                    return new(tree.Variable)(`@${curly[1]}`, index,
fileInfo);\n                }\n            },\n            //\n            // A Property accessor, such as `$color`, in\n
//\n            //    background-color: $color\n            //\n            property: function () {\n                let name;\n
        const index = parserInput.i;\n\n                if (parserInput.currentChar() === '$' && (name =
parserInput.$re(/^\$[\w-]+/))) {\n                    return new(tree.Property)(name,
index, fileInfo);\n                }\n            },\n\n            // A property entity useing the protective {} e.g.
${prop}\n            propertyCurly: function () {\n                let curly;\n                const index =
parserInput.i;\n\n                if (parserInput.currentChar() === '$' && (curly = parserInput.$re(/^\$\{([\w-
]+)\}/))) {\n                    return new(tree.Property)(`$${curly[1]}`, index, fileInfo);\n                }\n            },\n
            //\n            // A Hexadecimal color\n            //\n            //    #4F3C2F\n            //\n            //
`rgb` and `hsl` colors are parsed through the `entities.call` parser.\n            //\n            color: function () {\n
        let rgb;\n                parserInput.save();\n\n                if (parserInput.currentChar() === '#' && (rgb =
parserInput.$re(/^#([A-Fa-f0-9]{8}|[A-Fa-f0-9]{6}|[A-Fa-f0-9]{3,4})([\w.#\\[])?/)))
```

```
{\n                    if (!rgb[2]) {\n                        parserInput.forget();\n                    return
new(tree.Color)(rgb[1], undefined, rgb[0]);\n                    } \n                }\n                parserInput.restore();\n
        },\n\n            colorKeyword: function () {\n                parserInput.save();\n                const
autoCommentAbsorb = parserInput.autoCommentAbsorb;\n                parserInput.autoCommentAbsorb = false;\n
        const k = parserInput.$re(/^[_A-Za-z-][_A-Za-z0-9-]+/);\n                parserInput.autoCommentAbsorb
= autoCommentAbsorb;\n                if (!k) {\n                    parserInput.forget();\n                    return;\n
    }\n                parserInput.restore();\n                const color = tree.Color.fromKeyword(k);\n                if
(color) {\n
    parserInput.$str(k);\n                    return color;\n                }\n            },\n\n            //\n            // A
Dimension, that is, a number and a unit\n            //\n            //    0.5em 95%\n            //\n            dimension:
function () {\n                if (parserInput.peekNotNumeric()) {\n                    return;\n                }\n\n
    const value = parserInput.$re(/^([+-]?\d*\.?\d+)(%|[a-z_]+)?/i);\n                if (value) {\n                    return
new(tree.Dimension)(value[1], value[2]);\n                }\n            },\n\n            //\n            // A unicode
descriptor, as is used in unicode-range\n            //\n            // U+0??  or U+00A1-00A9\n            //\n
unicodeDescriptor: function () {\n                let ud;\n\n                ud = parserInput.$re(/^U\+[0-9a-fA-F?]+(\-
[0-9a-fA-F?]+)?/);\n
            if (ud) {\n                    return new(tree.UnicodeDescriptor)(ud[0]);\n                }\n            },\n\n
    //\n            // JavaScript code to be evaluated\n            //\n            //    `window.location.href`\n
//\n            javascript: function () {\n                let js;\n                const index = parserInput.i;\n\n
parserInput.save();\n\n                const escape = parserInput.$char('~');\n                const jsQuote =
parserInput.$char('`');\n\n                if (!jsQuote) {\n                    parserInput.restore();\n                    return;\n
    }\n\n                js = parserInput.$re(/^[^`]*`/);\n                if (js) {\n
parserInput.forget();\n                    return new tree.JavaScript(js.substr(0, js.length - 1), Boolean(escape), index,
fileInfo);\n
    }\n                parserInput.restore('invalid javascript definition');\n                }\n            },\n\n            //\n            //
The variable part of a variable definition. Used in the `rule` parser\n            //\n            //    @fink:\n            //\n
variable: function () {\n                let name;\n\n                if (parserInput.currentChar() === '@' && (name =
parserInput.$re(/^(@[\w-]+)\s*:/))) { return name[1]; }\n            },\n\n            //\n            // Call a variable value to
retrieve a detached ruleset\n            // or a value from a detached ruleset's rules.\n            //\n            //    @fink();\n
    //    @fink;\n            //    color: @fink[@color];\n            //\n            variableCall: function (parsedName) {\n
    let lookups;\n                const i = parserInput.i;\n                const inValue = !!parsedName;\n                let name =
parsedName;\n\n                parserInput.save();\n\n
        if (name || (parserInput.currentChar() === '@'\n                    && (name = parserInput.$re(/^(@[\w-
]+)(\(\(\s*\))?/)))) {\n\n                    lookups = this.mixin.ruleLookups();\n\n                    if (!lookups && ((inValue
&& parserInput.$str('(')' !== '(') || (name[2] !== '(')))) {\n                        parserInput.restore('Missing \'[...]\' lookup
in variable call');\n                        return;\n                    }\n\n                    if (!inValue) {\n                        name =
name[1];\n                    }\n\n                    const call = new tree.VariableCall(name, i, fileInfo);\n                    if
(!inValue && parsers.end()) {\n                        parserInput.forget();\n                        return call;\n                    }\n
        else {\n                        parserInput.forget();\n                        return new tree.NamespaceValue(call, lookups, i,
fileInfo);\n
    }\n                }\n\n                parserInput.restore();\n            },\n\n            //\n            // extend syntax - used to extend
selectors\n            //\n            extend: function(isRule) {\n                let elements;\n                let e;\n                const
index = parserInput.i;\n                let option;\n                let extendList;\n                let extend;\n\n                if
(!parserInput.$str(isRule ? '&:extend(' : ':extend(')) {\n                    return;\n                }\n\n                do {\n
    option = null;\n                    elements = null;\n                    while (!(option = parserInput.$re(/^(all)(?=\s*(\)|,))/)))
{\n                        e = this.element();\n                        if (!e) {\n                            break;\n                        }\n
    if (elements) {\n                            elements.push(e);\n                        } else {\n
```

elements = [e];\n   }\n   }\n\n   option = option && option[1];\n   if (!elements) {\n   error('Missing target selector for :extend().');\n   }\n   extend = new(tree.Extend)(new(tree.Selector)(elements), option, index, fileInfo);\n   if (extendList) {\n   extendList.push(extend);\n   } else {\n   extendList = [extend];\n   }\n   } while (parserInput.$char(','));\n\n   expect(/^\\)/);\n\n   if (isRule) {\n   expect(/^;/);\n   }\n\n   return extendList;\n   },\n\n   //\n   // extendRule - used in a rule to extend all the parent selectors\n   //\n   extendRule: function() {\n   return this.extend(true);\n   },\n\n   //\n   // Mixins\n   //   mixin: {\n   //   // A Mixin call, with an optional argument list\n   //   //   #mixins > .square(#fff);\n   //   #mixins.square(#fff);\n   //   .rounded(4px, black);\n   //   .button;\n   //\n   // We can lookup / return a value using the lookup syntax:\n   //\n   //   color: #mixin.square(#fff)[@color];\n   //\n   // The `while` loop is there because mixins can be\n   // namespaced, but we only support the child and descendant\n   // selector for now.\n   //\n   call: function (inValue, getLookup) {\n   const s = parserInput.currentChar();\n   let important = false;\n   let lookups;\n   const index = parserInput.i;\n

                    let elements;\n   let args;\n   let hasParens;\n\n   if (s !== '.' && s !== '#') {\n   return; }\n\n   parserInput.save(); // stop us absorbing part of an invalid selector\n\n   elements = this.elements();\n\n   if (elements) {\n   if (parserInput.$char('(')) {\n   args = this.args(true).args;\n   expectChar(')');\n   hasParens = true;\n   }\n\n   if (getLookup !== false) {\n   lookups = this.ruleLookups();\n   }\n   if (getLookup === true && !lookups) {\n   parserInput.restore();\n   return;\n   }\n\n   if (inValue && !lookups && !hasParens) {\n   // This isn't a valid in-value mixin call\n   parserInput.restore();\n   return;\n   }\n\n   if (!inValue && parsers.important()) {\n   important = true;\n   }\n\n   if (inValue || parsers.end()) {\n   parserInput.forget();\n   const mixin = new(tree.mixin.Call)(elements, args, index, fileInfo, !lookups && important);\n   if (lookups) {\n   return new tree.NamespaceValue(mixin, lookups);\n   }   else {\n   return mixin;\n   }\n   }\n\n   parserInput.restore();\n   },\n   /**\n   * Matching elements for mixins\n   * (Start with
. or # and can have >)\n   */\n   elements: function() {\n   let elements;\n   let e;\n   let c;\n   let elem;\n   let elemIndex;\n   const re = /^[#.](?:[\\w-]|\\\\(?:[A-Fa-f0-9]{1,6} ?|[^A-Fa-f0-9]))+/;\n   while (true) {\n   elemIndex = parserInput.i;\n   e = parserInput.$re(re);\n   \n   if (!e) {\n   break;\n   }\n   elem = new(tree.Element)(c, e, false, elemIndex, fileInfo);\n   if (elements) {\n   elements.push(elem);\n   } else {\n   elements = [elem];\n   }\n   c = parserInput.$char('>');\n   }\n   return elements;\n   },\n   args: function (isCall) {\n   const entities = parsers.entities;\n   const returner = { args:null, variadic: false };\n   let expressions = [];\n   const argsSemiColon = [];\n   const argsComma = [];\n   let isSemiColonSeparated;\n   let expressionContainsNamed;\n   let name;\n   let nameLoop;\n   let value;\n   let arg;\n   let expand;\n   let hasSep = true;\n\n   parserInput.save();\n\n   while (true) {\n   if (isCall) {\n   arg = parsers.detachedRuleset() || parsers.expression();\n   } else {\n   parserInput.commentStore.length = 0;\n   if (parserInput.$str('...')) {\n

                    returner.variadic = true;\n   if (parserInput.$char(';') && !isSemiColonSeparated) {\n   isSemiColonSeparated = true;\n   }\n (isSemiColonSeparated ? argsSemiColon : argsComma)\n   .push({ variadic: true });\n

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                    break;\n                            }\n                        arg = entities.variable() || entities.property() || entities.literal()
|| entities.keyword() || this.call(true);\n                        }\n\n                        if (!arg || !hasSep) {\n
break;\n                    }\n\n                    nameLoop = null;\n                    if (arg.throwAwayComments) {\n
            arg.throwAwayComments();\n                        }\n                    value = arg;\n                        let val =
null;\n\n
                    if (isCall) {\n                            // Variable\n                        if (arg.value && arg.value.length == 1)
{\n                    val = arg.value[0];\n                        }\n                    } else {\n                        val =
arg;\n                        }\n\n                    if (val && (val instanceof tree.Variable || val instanceof tree.Property)) {\n
            if (parserInput.$char(':')) {\n                                if (expressions.length > 0) {\n
if (isSemiColonSeparated) {\n                                    error('Cannot mix ; and , as delimiter types');\n
        }\n                                expressionContainsNamed = true;\n                                }\n\n
value = parsers.detachedRuleset() || parsers.expression();\n\n                            if (!value) {\n
                    if (isCall) {\n                                error('could not understand value for named
argument');\n                            } else {\n                                parserInput.restore();\n
    returner.args = [];\n                                return returner;\n                            }\n                        }\n
                nameLoop = (name = val.name);\n                        } else if (parserInput.$str('...')) {\n
    if (!isCall) {\n                                returner.variadic = true;\n                                if (parserInput.$char(';') &&
!isSemiColonSeparated) {\n                                    isSemiColonSeparated = true;\n                                }\n
            (isSemiColonSeparated ? argsSemiColon : argsComma)\n
                .push({ name: arg.name, variadic: true });\n                                break;\n                        } else
{\n                    expand = true;\n                        }\n                        } else if (!isCall) {\n
        name = nameLoop = val.name;\n                        value = null;\n                        }\n                        }\n\n
                if (value) {\n                    expressions.push(value);\n                        }\n\n
argsComma.push({ name:nameLoop, value, expand });\n\n                        if (parserInput.$char(',')) {\n
    hasSep = true;\n                        continue;\n                        }\n                    hasSep = parserInput.$char(';') ===
';';\n\n                        if (hasSep || isSemiColonSeparated) {\n\n                            if (expressionContainsNamed)
{\n                            error('Cannot mix ; and , as delimiter types');\n                            }\n\n
isSemiColonSeparated = true;\n\n                            if (expressions.length > 1) {\n                                value =
new(tree.Value)(expressions);\n                            }\n                            argsSemiColon.push({ name, value, expand
});\n\n                        name = null;\n                        expressions = [];\n
expressionContainsNamed = false;\n                        }\n                        }\n\n                    parserInput.forget();\n
    returner.args = isSemiColonSeparated ? argsSemiColon : argsComma;\n                    return returner;\n
},\n                //\n            // A Mixin definition, with a list of parameters\n                //\n            //     .rounded
(@radius: 2px, @color) {\n                //
    ...\n            //     }\n            //\n            // Until we have a finer grained state-machine, we have to\n
// do a look-ahead, to make sure we don't have a mixin call.\n                // See the `rule` function for more
information.\n                //\n            // We start by matching `.rounded (`, and then proceed on to\n            // the
argument list, which has optional default values.\n            // We store the parameters in `params`, with a `value`
key,\n            // if there is a value, such as in the case of `@radius`.\n                //\n            // Once we've got our
params list, and a closing `)`, we parse\n            // the `{...}` block.\n                //\n            definition: function ()
{\n            let name;\n                let params = [];\n            let match;\n                let ruleset;\n
let cond;\n            let variadic
= false;\n            if ((parserInput.currentChar() !== '.' && parserInput.currentChar() !== '#') ||\n
parserInput.peek(/^[^{]*\\}/)) {\n                        return;\n                }\n\n                    parserInput.save();\n\n
    match = parserInput.$re(/^([#.](?:[\\w-]|\\\\(?:[A-Fa-f0-9]{1,6} ?|[^A-Fa-f0-9]))+)\\s*\\(/);\n                        if
(match) {\n                    name = match[1];\n\n                    const argInfo = this.args(false);\n
params = argInfo.args;\n                    variadic = argInfo.variadic;\n\n                // .mixincall(\"@{a}\");\n
        // looks a bit like a mixin definition..\n                // also\n                // .mixincall(@a: {rule:
```

set;});\n   // so we have to be nice and restore\n   if (!parserInput.$char(')')) {\n   parserInput.restore('Missing

 closing \\')\\");\n   return;\n   }\n\n   parserInput.commentStore.length =
0;\n\n   if (parserInput.$str('when')) { // Guard\n   cond = expect(parsers.conditions,
'expected condition');\n   }\n\n   ruleset = parsers.block();\n   if (ruleset) {\n
            parserInput.forget();\n   return new(tree.mixin.Definition)(name, params, ruleset,
cond, variadic);\n   } else {\n   parserInput.restore();\n   }\n   }
else {\n   parserInput.restore();\n   }\n   },\n   \n   ruleLookups:
function() {\n   let rule;\n   let args;\n   const lookups = [];\n\n
    if (parserInput.currentChar() !== '[') { \n   return;\n   }\n\n   while (true) {\n
          parserInput.save();\n   args = null;\n   rule = this.lookupValue();\n
if (!rule && rule !== '') {\n   parserInput.restore();\n   break;\n   }\n
        lookups.push(rule);\n   parserInput.forget();\n   }\n   if (lookups.length >
0) {\n   return lookups;\n   }\n   },\n   \n   lookupValue: function() {\n
    parserInput.save();\n   \n   if (!parserInput.$char('[')) { \n   parserInput.restore();\n
      return;\n   }\n   \n   const name = parserInput.$re(/^(?:[@$]{0,2})[_a-zA-Z0-9-]*/);\n
 \n   if (!parserInput.$char(']')) {\n   parserInput.restore();\n   return;\n
    } \n\n   if (name || name === '') {\n   parserInput.forget();\n   return name;\n
        }\n   \n   parserInput.restore();\n   }\n   },\n   //\n   // Entities are the
smallest recognized token,\n   // and can be found inside a rule's value.\n   //\n   entity: function ()
{\n   const entities = this.entities;\n\n   return this.comment() || entities.literal() || entities.variable() ||
entities.url() ||\n   entities.property() || entities.call() || entities.keyword() || this.mixin.call(true) ||\n
    entities.javascript();\n   },\n\n   //\n   // A Declaration terminator.
 Note that we use `peek()` to check for '}',\n   // because the `block` rule will be expecting it, but we still need
to make sure\n   // it's there, if ';' was omitted.\n   //\n   end: function () {\n   return
parserInput.$char(';') || parserInput.peek('}');\n   },\n\n   //\n   // IE's alpha function\n   //\n
    //   alpha(opacity=88)\n   //\n   ieAlpha: function () {\n   let value;\n\n   //
http://jsperf.com/case-insensitive-regex-vs-strtolower-then-regex/18\n   if (!parserInput.$re(/^opacity=/i)) {\n
return; }\n   value = parserInput.$re(/^\\d+/);\n   if (!value) {\n   value =
expect(parsers.entities.variable, 'Could not parse alpha');\n   value = `@{${value.name.slice(1)}}`;\n
    }\n   expectChar(')');\n   return new tree.Quoted('', `alpha(opacity=${value})`);\n
        },\n\n   //\n   // A Selector Element\n   //\n   //   div\n   //   + h1\n   //
#socks\n   //   input[type=\"text\"]\n   //\n   // Elements are the building blocks for Selectors,\n
 // they are made out of a `Combinator` (see combinator rule),\n   // and an element name, such as a tag a class,
or `*`.\n   //\n   element: function () {\n   let e;\n   let c;\n   let v;\n   const
index = parserInput.i;\n\n   c = this.combinator();\n\n   e = parserInput.$re(/^(?:\\d+\\.\\d+|\\d+)%/)
||\n   parserInput.$re(/^(?:[.#]?|:*)(?:[\\w-]|[^\\x00-\\x9f]|\\\\(?:[A-Fa-f0-9]{1,6} ?|[^A-Fa-f0-9]))+/) ||\n
      parserInput.$char('*') || parserInput.$char('&') || this.attribute() ||\n
parserInput.$re(/^\\([^&()@]+\\)/)
 || parserInput.$re(/^[\\.#:](?=@)/) ||\n   this.entities.variableCurly();\n\n   if (!e) {\n
parserInput.save();\n   if (parserInput.$char('(')) {\n   if ((v = this.selector(false)) &&
parserInput.$char(')')) {\n   e = new(tree.Paren)(v);\n   parserInput.forget();\n
      } else {\n   parserInput.restore('Missing closing \\')\\");\n   }\n   } else
{\n   parserInput.forget();\n   }\n   }\n\n   if (e) { return new(tree.Element)(c,
e, e instanceof tree.Variable, index, fileInfo); }\n   },\n\n   //\n   // Combinators combine elements
together, in a Selector.\n   //\n   // Because our parser isn't white-space sensitive, special care\n   //
has to be taken,

when parsing the descendant combinator, ``,\n   // as it's an empty space. We have to check the previous character\n   // in the input, to see if it's a ` ` character. More info on how\n   // we deal with this in *combinator.js*.\n   //\n   combinator: function () {\n   let c = parserInput.currentChar();\n\n   if (c === '/') {\n   parserInput.save();\n   const slashedCombinator = parserInput.$re(/^\\/[a-z]+\\/i);\n   if (slashedCombinator) {\n   parserInput.forget();\n   return new(tree.Combinator)(slashedCombinator);\n   }\n   parserInput.restore();\n   }\n\n   if (c === '>' || c === '+' || c === '~' || c === '|' || c === '^') {\n   parserInput.i++;\n   if (c === '^' && parserInput.currentChar() === '^') {\n   c = '^^';\n   parserInput.i++;\n   }\n   while (parserInput.isWhitespace()) { parserInput.i++; }\n   return new(tree.Combinator)(c);\n   } else if (parserInput.isWhitespace(-1)) {\n   return new(tree.Combinator)(' ');\n   } else {\n   return new(tree.Combinator)(null);\n   }\n   },\n   //\n   // A CSS Selector\n   // with less extensions e.g. the ability to extend and guard\n   //\n   //   .class > div + h1\n   //   li a:hover\n   //\n   // Selectors are made out of one or more Elements, see above.\n   //\n   selector: function (isLess) {\n   const index = parserInput.i;\n   let elements;\n   let extendList;\n   let c;\n   let e;\n   let allExtends;\n   let when;\n   let condition;\n   isLess = isLess !== false;\n   while ((isLess && (extendList = this.extend())) || (isLess && (when = parserInput.$str('when'))) || (e = this.element())) {\n   if (when) {\n   condition = expect(this.conditions, 'expected condition');\n   } else if (condition) {\n   error('CSS guard can only be used at the end of selector');\n   } else if (extendList) {\n   if (allExtends) {\n   allExtends = allExtends.concat(extendList);\n   } else {\n   allExtends = extendList;\n   }\n   } else {\n   if (allExtends) { error('Extend can only be used at the end of selector'); }\n   c = parserInput.currentChar();\n   if (elements) {\n   elements.push(e);\n   } else {\n   elements = [e];\n   }\n   e = null;\n   }\n   if (c === '{' || c === '}' || c === ';' || c === ',' || c === ')') {\n   break;\n   }\n   }\n\n   if (elements) { return new(tree.Selector)(elements, allExtends, condition, index, fileInfo); }\n   if (allExtends) { error('Extend must be used to extend a selector, it cannot be used on its own'); }\n   },\n   selectors: function () {\n   let s;\n   let selectors;\n   while (true) {\n   s = this.selector();\n   if (!s) {\n   break;\n   }\n   if (selectors) {\n   selectors.push(s);\n   } else {\n   selectors = [s];\n   }\n   parserInput.commentStore.length = 0;\n   if (s.condition && selectors.length > 1) {\n   error(\"Guards are only currently allowed on a single selector.\");\n   }\n   if (!parserInput.$char(',')) { break; }\n   if (s.condition) {\n   error(\"Guards are only currently allowed on a single selector.\");\n   }\n   parserInput.commentStore.length = 0;\n   }\n   return selectors;\n   },\n   attribute: function () {\n   if (!parserInput.$char('[')) { return; }\n\n   const entities = this.entities;\n   let key;\n   let val;\n   let op;\n   //\n   // case-insensitive flag\n   // e.g. [attr operator value i]\n   //\n   let cif;\n\n   if (!(key = entities.variableCurly())) {\n   key = expect(/^(?:[_A-Za-z0-9-*]*\\|)?(?:[_A-Za-z0-9-]|\\\\.)+/);\n   }\n\n   op = parserInput.$re(/^[|~*$^]?=/);\n   if (op) {\n   val = entities.quoted() || parserInput.$re(/^[0-9]+%/) || parserInput.$re(/^[\\w-]+/) || entities.variableCurly();\n   if (val) {\n   cif = parserInput.$re(/^[iIsS]/);\n   }\n   }\n\n   expectChar(']');\n\n   return new(tree.Attribute)(key, op, val, cif);\n   },\n\n   //\n   // The `block` rule is used by `ruleset` and `mixin.definition`.\n   // It's a wrapper around the `primary` rule, with added `{}`.\n   //\n   block: function () {\n   let content;\n   if (parserInput.$char('{') && (content = this.primary()) && parserInput.$char('}')) {\n

return content;\n   }\n   },\n\n   blockRuleset: function() {\n   let block =
this.block();\n\n   if (block) {\n   block = new tree.Ruleset(null, block);\n   }\n
return block;\n   },\n\n   detachedRuleset: function() {\n   let argInfo;\n   let params;\n
let variadic;\n\n   parserInput.save();\n   if (parserInput.$re(/^[.#]\\(/)) {\n   /**\n
* DR args currently only implemented for each() function, and not \n   * yet settable as `@dr:
#(@arg) {}`\n   * This should be done when DRs are merged with mixins.\n   * See:
https://github.com/less/less-meta/issues/16\n   */\n   argInfo = this.mixin.args(false);\n
params = argInfo.args;\n
variadic = argInfo.variadic;\n   if (!parserInput.$char(')')) {\n   parserInput.restore();\n
return;\n   }\n   }\n   const blockRuleset = this.blockRuleset();\n   if
(blockRuleset) {\n   parserInput.forget();\n   if (params) {\n   return new
tree.mixin.Definition(null, params, blockRuleset, null, variadic);\n   }\n   return new
tree.DetachedRuleset(blockRuleset);\n   }\n   parserInput.restore();\n   },\n\n   //\n
// div, .class, body > p {...}\n   //\n   ruleset: function () {\n   let selectors;\n   let rules;\n
let debugInfo;\n\n   parserInput.save();\n\n   if (context.dumpLineNumbers) {\n
debugInfo = getDebugInfo(parserInput.i);\n
}\n\n   selectors = this.selectors();\n\n   if (selectors && (rules = this.block())) {\n
parserInput.forget();\n   const ruleset = new(tree.Ruleset)(selectors, rules, context.strictImports);\n
if (context.dumpLineNumbers) {\n   ruleset.debugInfo = debugInfo;\n   }\n
return ruleset;\n   } else {\n   parserInput.restore();\n   }\n   },\n   declaration:
function () {\n   let name;\n   let value;\n   const index = parserInput.i;\n   let
hasDR;\n   const c = parserInput.currentChar();\n   let important;\n   let merge;\n
let isVariable;\n\n   if (c === '.' || c === '#' || c === '&' || c === ':') { return; }\n\n
parserInput.save();\n\n
name = this.variable() || this.ruleProperty();\n   if (name) {\n   isVariable = typeof name
=== 'string';\n\n   if (isVariable) {\n   value = this.detachedRuleset();\n   if
(value) {\n   hasDR = true;\n   }\n   }\n\n
parserInput.commentStore.length = 0;\n   if (!value) {\n   // a name returned by
this.ruleProperty() is always an array of the form:\n   // [string-1, ..., string-n, \"\"] or [string-1, ...,
string-n, \"+\"]\n   // where each item is a tree.Keyword or tree.Variable\n   merge =
!isVariable && name.length > 1 && name.pop().value;\n\n   // Custom property values get permissive
parsing\n   if (name[0].value && name[0].value.slice(0, 2) === '--') {\n
value = this.permissiveValue();\n   }\n   // Try to store values as anonymous\n
// If we need the value later we'll re-parse it in ruleset.parseValue\n   else {\n
value = this.anonymousValue();\n   }\n   if (value) {\n
parserInput.forget();\n   // anonymous values absorb the end ';' which is required for them to work\n
return new(tree.Declaration)(name, value, false, merge, index, fileInfo);\n   }\n\n
if (!value) {\n   value = this.value();\n   }\n\n   if (value) {\n
important = this.important();\n   } else if (isVariable) {\n   // As a last resort, try
permissiveValue\n
value = this.permissiveValue();\n   }\n   }\n\n   if (value &&
(this.end() || hasDR)) {\n   parserInput.forget();\n   return new(tree.Declaration)(name,
value, important, merge, index, fileInfo);\n   }\n   else {\n   parserInput.restore();\n
}\n   } else {\n   parserInput.restore();\n   }\n   },\n
anonymousValue: function () {\n   const index = parserInput.i;\n   const match =
parserInput.$re(/^([^.#@\\$+\/\'\"*`(;{}-]*);/);\n   if (match) {\n   return
new(tree.Anonymous)(match[1], index);\n   }\n   },\n   /**\n   * Used for custom
properties, at-rules, and variables (as fallback)\n   * Parses almost anything inside

of { } [] () \"\" blocks\n   * until it reaches outer-most tokens.\n   * \n   * First, it will try to parse comments and entities to reach\n   * the end. This is mostly like the Expression parser except no\n   * math is allowed.\n   */\n   permissiveValue: function (untilTokens) {\n   let i;\n   let e;\n   let done;\n   let value;\n   const tok = untilTokens || ';';\n   const index = parserInput.i;\n   const result = [];\n\n   function testCurrentChar() {\n   const char = parserInput.currentChar();\n   if (typeof tok === 'string') {\n   return char === tok;\n   } else {\n   return tok.test(char);\n   }\n   }\n   if (testCurrentChar()) {\n   return;\n   }\n   value = [];\n   do {\n   e = this.comment();\n   if (e) {\n   value.push(e);\n   continue;\n   }\n   e = this.entity();\n   if (e) {\n   value.push(e);\n   }\n   } while (e);\n\n   done = testCurrentChar();\n\n   if (value.length > 0) {\n   value = new(tree.Expression)(value);\n   if (done) {\n   return value;\n   }\n   else {\n   result.push(value);\n   }\n   // Preserve space before $parseUntil as it will not\n   if (parserInput.prevChar() === ' ') {\n   result.push(new tree.Anonymous(' ', index));\n   }\n   }\n   parserInput.save();\n\n   value = parserInput.$parseUntil(tok);\n\n   if (value) {\n   if (typeof value === 'string') {\n   error(`Expected '${value}'`, 'Parse');\n   }\n   if (value.length === 1 && value[0] === ' ') {\n   parserInput.forget();\n   return new tree.Anonymous('', index);\n   }\n   let item;\n   for (i = 0; i < value.length; i++) {\n   item = value[i];\n   if (Array.isArray(item)) {\n   // Treat actual quotes as normal quoted values\n   result.push(new tree.Quoted(item[0], item[1], true, index, fileInfo));\n   }   else {\n   if (i === value.length - 1) {\n   item = item.trim();\n   }\n   // Treat like quoted values, but replace vars like unquoted expressions\n   const quote = new tree.Quoted('\\'', item, true, index, fileInfo);\n   quote.variableRegex = /@([\\w-]+)/g;\n   quote.propRegex = /\\$([\\w-]+)/g;\n   result.push(quote);\n   }\n   }\n   parserInput.forget();\n   return new tree.Expression(result, true);\n   }\n   parserInput.restore();\n   },\n\n   //\n   // An @import atrule\n   //\n   //   @import "lib";\n   //\n   // Depending on our environment, importing is done differently:\n   // In the browser, it's an XHR request, in Node, it would be a\n   // file-system operation. The function used for importing is\n   // stored in `import`, which we pass to the Import constructor.\n   //\n   'import': function () {\n   let path;\n   let features;\n   const index = parserInput.i;\n\n   const dir = parserInput.$re(/^@import\\s+/);\n\n   if (dir) {\n   const options = (dir ? this.importOptions() : null) || {};\n\n   if ((path = this.entities.quoted() || this.entities.url())) {\n   features = this.mediaFeatures();\n\n   if (!parserInput.$char(';')) {\n   parserInput.i = index;\n   error('missing semi-colon or unrecognised media features on import');\n   }\n   features = features && new(tree.Value)(features);\n   return new(tree.Import)(path, features, options, index, fileInfo);\n   }\n   else {\n   parserInput.i = index;\n   error('malformed import statement');\n   }\n   }\n   },\n\n   importOptions: function() {\n   let o;\n   const options = {};\n   let optionName;\n   let value;\n\n   // list of options, surrounded by parens\n   if (!parserInput.$char('(')) { return null; }\n   do {\n   o = this.importOption();\n   if (o) {\n   optionName = o;\n   value = true;\n   switch (optionName) {\n   case 'css':\n   optionName = 'less';\n   value = false;\n   break;\n   case 'once':\n   optionName = 'multiple';\n   value = false;\n   break;\n   }\n   options[optionName] = value;\n   if (!parserInput.$char(',')) { break; }\n   }\n   } while (o);\n   expectChar(')');\n   return options;\n   },\n\n   importOption: function() {\n   const opt =

```
parserInput.$re(/^(less|css|multiple|once|inline|reference|optional)/);\n                if (opt) {\n                    return opt[1];\n                }\n            },\n\n        mediaFeature: function () {\n            const entities = this.entities;\n            const nodes = [];\n            let e;\n            let p;\n            parserInput.save();\n            do {\n                e = entities.keyword() || entities.variable() || entities.mixinLookup();\n                if (e) {\n                    nodes.push(e);\n                } else if (parserInput.$char('(')) {\n                    p = this.property();\n                    e = this.value();\n                    if (parserInput.$char(')')) {\n                        if (p && e) {\n                            nodes.push(new(tree.Paren)(new(tree.Declaration)(p, e, null, null, parserInput.i, fileInfo, true)));\n                        } else if (e) {\n                            nodes.push(new(tree.Paren)(e));\n                        } else {\n                            error('badly formed media feature definition');\n                        }\n                    } else {\n                        error('Missing closing \\')\\'", 'Parse');\n                    }\n                }\n            } while (e);\n\n            parserInput.forget();\n            if (nodes.length > 0) {\n                return new(tree.Expression)(nodes);\n            }\n        },\n\n        mediaFeatures: function () {\n            const entities = this.entities;\n            const features = [];\n            let e;\n            do {\n                e = this.mediaFeature();\n                if (e) {\n                    features.push(e);\n                    if (!parserInput.$char(',')) { break; }\n                } else {\n                    e = entities.variable() || entities.mixinLookup();\n                    if (e) {\n                        features.push(e);\n                        if (!parserInput.$char(',')) { break; }\n                    }\n                }\n            } while (e);\n\n            return features.length > 0 ? features : null;\n        },\n\n        media: function () {\n            let features;\n            let rules;\n            let media;\n            let debugInfo;\n            const index = parserInput.i;\n\n            if (context.dumpLineNumbers) {\n                debugInfo = getDebugInfo(index);\n            }\n\n            parserInput.save();\n\n            if (parserInput.$str('@media')) {\n                features = this.mediaFeatures();\n\n                rules = this.block();\n\n                if (!rules) {\n                    error('media definitions require block statements after any features');\n                }\n\n                parserInput.forget();\n\n                media = new(tree.Media)(rules, features, index, fileInfo);\n                if (context.dumpLineNumbers) {\n                    media.debugInfo = debugInfo;\n                }\n\n                return media;\n            }\n\n            parserInput.restore();\n        },\n\n        //\n\n        // A @plugin directive, used to import plugins dynamically.\n        //\n        //     @plugin (args) \"lib\";\n        //\n        plugin: function () {\n            let path;\n            let args;\n            let options;\n            const index = parserInput.i;\n            const dir   = parserInput.$re(/^@plugin\\s+/);\n\n            if (dir) {\n                args = this.pluginArgs();\n\n                if (args) {\n                    options = {\n                        pluginArgs: args,\n                        isPlugin: true\n                    };\n                } else {\n                    options = { isPlugin: true };\n                }\n\n                if ((path = this.entities.quoted() || this.entities.url())) {\n\n                    if (!parserInput.$char(';')) {\n                        parserInput.i = index;\n                        error('missing semi-colon on @plugin');\n                    }\n\n                    return new(tree.Import)(path, null, options, index, fileInfo);\n                }\n                else {\n                    parserInput.i = index;\n                    error('malformed @plugin statement');\n                }\n            }\n        },\n\n        pluginArgs: function() {\n            // list of options, surrounded by parens\n            parserInput.save();\n            if (!parserInput.$char('(')) {\n                parserInput.restore();\n                return null;\n            }\n            const args = parserInput.$re(/^\\s*([^\\);]+)\\)\\s*/);\n            if (args[1]) {\n                parserInput.forget();\n                return args[1].trim();\n            }\n            else { \n                parserInput.restore();\n                return null;\n            }\n        },\n\n        //\n        // A CSS AtRule\n        //\n        //     @charset \"utf-8\";\n        //\n        atrule: function () {\n            const index = parserInput.i;\n            let name;\n            let value;\n            let rules;\n            let nonVendorSpecificName;\n            let hasIdentifier;\n            let hasExpression;\n            let hasUnknown;\n            let hasBlock = true;\n            let isRooted = true;\n\n            if (parserInput.currentChar() !== '@') { return; }\n\n            value = this['import']() || this.plugin() || this.media();\n            if (value) {\n                return value;\n            }\n\n```

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parserInput.save();\n\n                name = parserInput.$re(/^@[a-z-]+/);\n\n            if (!name) { return; }\n\n
  nonVendorSpecificName = name;\n            if (name.charAt(1) == '-' && name.indexOf('-', 2) > 0) {\n
nonVendorSpecificName = `@${name.slice(name.indexOf('-', 2) + 1)}`;\n            }\n\n            switch
(nonVendorSpecificName) {\n                case '@charset':\n                    hasIdentifier
 = true;\n                    hasBlock = false;\n                    break;\n                case '@namespace':\n
hasExpression = true;\n                    hasBlock = false;\n                    break;\n                case '@keyframes':\n
        case '@counter-style':\n                    hasIdentifier = true;\n                    break;\n                case
'@document':\n                case '@supports':\n                    hasUnknown = true;\n                    isRooted =
false;\n                    break;\n                default:\n                    hasUnknown = true;\n                    break;\n
        }\n\n            parserInput.commentStore.length = 0;\n\n            if (hasIdentifier) {\n                value =
this.entity();\n                if (!value) {\n                    error(`expected ${name} identifier`);\n
  }\n            } else if (hasExpression) {\n                value = this.expression();\n                if (!value) {\n
    error(`expected ${name} expression`);\n                }\n            } else if (hasUnknown) {\n
value = this.permissiveValue(/^[{;]/);\n                hasBlock = (parserInput.currentChar() === '{');\n                if
(!value) {\n                    if (!hasBlock && parserInput.currentChar() !== ';') {\n                        error(`${name}
rule is missing block or ending semi-colon`);\n                    }\n                } else if (!value.value)
{\n                    value = null;\n                }\n            }\n\n            if (hasBlock) {\n                rules =
this.blockRuleset();\n            }\n\n            if (rules || (!hasBlock && value && parserInput.$char(';'))) {\n
    parserInput.forget();\n
            return new(tree.AtRule)(name, value, rules, index, fileInfo,\n                    context.dumpLineNumbers
? getDebugInfo(index) : null,\n                    isRooted\n                );\n            }\n\n
parserInput.restore('at-rule options not recognised');\n        },\n\n        //\n        // A Value is a comma-
delimited list of Expressions\n        //\n        //     font-family: Baskerville, Georgia, serif;\n        //\n        //
In a Rule, a Value represents everything after the `:`,\n        // and before the `;`.\n        //\n        value:
function () {\n            let e;\n            const expressions = [];\n            const index = parserInput.i;\n\n
do {\n                e = this.expression();\n                if (e) {\n                    expressions.push(e);\n                    if
(!parserInput.$char(',')) { break; }\n
    }\n            } while (e);\n\n            if (expressions.length > 0) {\n                return
new(tree.Value)(expressions, index);\n            }\n        },\n        important: function () {\n            if
(parserInput.currentChar() === '!') {\n                return parserInput.$re(/^! *important/);\n            }\n        },\n
        sub: function () {\n            let a;\n            let e;\n\n            parserInput.save();\n            if
(parserInput.$char('(')) {\n                a = this.addition();\n                if (a && parserInput.$char(')')) {\n
    parserInput.forget();\n                    e = new(tree.Expression)([a]);\n                    e.parens = true;\n
    return e;\n                }\n                parserInput.restore('Expected \')\'');\n                return;\n            }\n
        parserInput.restore();\n
        },\n        multiplication: function () {\n            let m;\n            let a;\n            let op;\n            let
operation;\n            let isSpaced;\n            m = this.operand();\n            if (m) {\n                isSpaced =
parserInput.isWhitespace(-1);\n                while (true) {\n                    if (parserInput.peek(/^\/[*\/]/)) {\n
        break;\n                    }\n\n                    parserInput.save();\n\n                    op = parserInput.$char('/')
|| parserInput.$char('*') || parserInput.$str('./');\n\n                    if (!op) { parserInput.forget(); break; }\n\n
        a = this.operand();\n\n                    if (!a) { parserInput.restore(); break; }\n
parserInput.forget();\n\n                    m.parensInOp = true;\n                    a.parensInOp = true;\n
operation = new(tree.Operation)(op,
[operation || m, a], isSpaced);\n                    isSpaced = parserInput.isWhitespace(-1);\n                }\n
    return operation || m;\n            }\n        },\n        addition: function () {\n            let m;\n            let a;\n
        let op;\n            let operation;\n            let isSpaced;\n            m = this.multiplication();\n            if
(m) {\n                isSpaced = parserInput.isWhitespace(-1);\n                while (true) {\n                    op =
parserInput.$re(/^[-+]\s+/) || (!isSpaced && (parserInput.$char('+') || parserInput.$char('-')));\n                    if
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(!op) {\n                    break;\n                    }\n                    a = this.multiplication();\n                    if (!a)
{\n                    break;\n                    }\n\n                    m.parensInOp = true;\n
        a.parensInOp = true;\n                    operation = new(tree.Operation)(op, [operation || m, a], isSpaced);\n
        isSpaced = parserInput.isWhitespace(-1);\n                    }\n                    return operation || m;\n                    }\n
        },\n        conditions: function () {\n            let a;\n            let b;\n            const index = parserInput.i;\n
        let condition;\n\n            a = this.condition(true);\n            if (a) {\n                while (true) {\n
    if (!parserInput.peek(/^,\\s*(not\\s*)?\\(/) || !parserInput.$char(',')) {\n                    break;\n
}\n            b = this.condition(true);\n                if (!b) {\n                    break;\n                    }\n
        condition = new(tree.Condition)('or', condition || a, b, index);\n                    }\n
        return condition || a;\n            }\n        },\n        condition: function (needsParens) {\n            let
result;\n        let logical;\n        let next;\n        function or() {\n            return
parserInput.$str('or');\n            }\n\n        result = this.conditionAnd(needsParens);\n            if (!result) {\n
        return ;\n            }\n            logical = or();\n            if (logical) {\n                next =
this.condition(needsParens);\n            if (next) {\n                result = new(tree.Condition)(logical, result,
next);\n            } else {\n                return ;\n            }\n            }\n            return result;\n
        },\n        conditionAnd: function (needsParens) {\n            let result;\n            let logical;\n            let
next;\n            const self
 = this;\n            function insideCondition() {\n                const cond = self.negatedCondition(needsParens) ||
self.parenthesisCondition(needsParens);\n            if (!cond && !needsParens) {\n                return
self.atomicCondition(needsParens);\n            }\n            return cond;\n            }\n            function
and() {\n            return parserInput.$str('and');\n            }\n\n        result = insideCondition();\n
if (!result) {\n                return ;\n            }\n            logical = and();\n            if (logical) {\n
next = this.conditionAnd(needsParens);\n            if (next) {\n                result =
new(tree.Condition)(logical, result, next);\n            } else {\n                return ;\n            }\n
}\n            return result;\n            },\n            negatedCondition:
 function (needsParens) {\n            if (parserInput.$str('not')) {\n                const result =
this.parenthesisCondition(needsParens);\n            if (result) {\n                result.negate = !result.negate;\n
        }\n            return result;\n            }\n            },\n            parenthesisCondition: function (needsParens)
{\n            function tryConditionFollowedByParenthesis(me) {\n                let body;\n
parserInput.save();\n            body = me.condition(needsParens);\n            if (!body) {\n
parserInput.restore();\n            return ;\n            }\n            if (!parserInput.$char(')')) {\n
   parserInput.restore();\n            return ;\n            }\n            parserInput.forget();\n
return body;\n            }\n\n
        let body;\n            parserInput.save();\n            if (!parserInput.$str('(')) {\n
parserInput.restore();\n            return ;\n            }\n            body =
tryConditionFollowedByParenthesis(this);\n            if (body) {\n                parserInput.forget();\n
return body;\n            }\n\n            body = this.atomicCondition(needsParens);\n            if (!body) {\n
   parserInput.restore();\n            return ;\n            }\n            if (!parserInput.$char(')')) {\n
parserInput.restore(`expected ')' got '${parserInput.currentChar()}'`);\n                return ;\n            }\n
parserInput.forget();\n            return body;\n            },\n            atomicCondition: function (needsParens) {\n
   const entities = this.entities;\n            const index = parserInput.i;\n
        let a;\n            let b;\n            let c;\n            let op;\n\n            function cond() {\n
return this.addition() || entities.keyword() || entities.quoted() || entities.mixinLookup();\n            }\n            cond
= cond.bind(this);\n\n            a = cond();\n            if (a) {\n                if (parserInput.$char('>')) {\n
   if (parserInput.$char('=')) {\n                    op = '>=';\n                } else {\n                    op = '>';\n
        }\n            } else\n            if (parserInput.$char('<')) {\n                if (parserInput.$char('='))
{\n                op = '<=';\n            } else {\n                op = '<';\n            }\n            }
else\n            if (parserInput.$char('=')) {\n                if (parserInput.$char('>'))
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{\n                         op = '=>';\n                              } else if (parserInput.$char('<')) {\n                         op = '=<';\n
         } else {\n                         op = '=';\n                    }\n                    }\n                    if (op) {\n
b = cond();\n                    if (b) {\n                         c = new(tree.Condition)(op, a, b, index, false);\n
} else {\n                         error('expected expression');\n                    }\n               } else {\n                         c =
new(tree.Condition)('=', a, new(tree.Keyword)('true'), index, false);\n                    }\n               return c;\n
}\n          },\n\n          //\n          // An operand is anything that can be part of an operation,\n          // such as a
Color, or a Variable\n          //\n          operand: function () {\n
const entities = this.entities;\n               let negate;\n\n          if (parserInput.peek(/^-[@\\$\\(]/)) {\n
negate = parserInput.$char('-');\n                    }\n\n          let o = this.sub() || entities.dimension() ||\n
entities.color() || entities.variable() ||\n                    entities.property() || entities.call() ||\n
entities.quoted(true) || entities.colorKeyword() ||\n                    entities.mixinLookup();\n\n          if (negate) {\n
o.parensInOp = true;\n                    o = new(tree.Negative)(o);\n                    }\n\n          return o;\n
},\n\n          //\n          // Expressions either represent mathematical operations,\n          // or white-space delimited
Entities.\n          //\n          //   1px solid black\n          //   @var * 2\n          //\n          expression: function ()
{\n
const entities = [];\n               let e;\n               let delim;\n          const index = parserInput.i;\n\n          do
{\n               e = this.comment();\n               if (e) {\n                    entities.push(e);\n
continue;\n               }\n               e = this.addition() || this.entity();\n               if (e instanceof
tree.Comment) {\n                    e = null;\n                    }\n               if (e) {\n                    entities.push(e);\n
          // operations do not allow keyword \"/\" dimension (e.g. small/20px) so we support that here\n
     if (!parserInput.peek(/^\/[\/*]/)) {\n                         delim = parserInput.$char('/');\n                         if
(delim) {\n                              entities.push(new(tree.Anonymous)(delim, index));\n                         }\n
     }\n
          }\n               } while (e);\n               if (entities.length > 0) {\n                    return
new(tree.Expression)(entities);\n                    }\n          },\n          property: function () {\n          const name =
parserInput.$re(/^(\*?-?[_a-zA-Z0-9-]+)\s*:/);\n               if (name) {\n                    return name[1];\n               }\n
     },\n          ruleProperty: function () {\n          let name = [];\n          const index = [];\n          let s;\n
     let k;\n\n          parserInput.save();\n          const simpleProperty = parserInput.$re(/^([_a-zA-Z0-9-
]+)\s*:/);\n          if (simpleProperty) {\n               name = [new(tree.Keyword)(simpleProperty[1])];\n
     parserInput.forget();\n               return name;\n          }\n\n          function match(re) {\n
const i = parserInput.i;\n          const
 chunk = parserInput.$re(re);\n               if (chunk) {\n                    index.push(i);\n                    return
name.push(chunk[1]);\n               }\n          }\n\n          match(/^(\*?)/);\n          while (true) {\n
     if (!match(/^((?:[\w-]+)|(?:[@\\$]\\{[\w-]+\\}))/)) {\n                    break;\n          }\n          }\n\n
     if ((name.length > 1) && match(/^((?:\+_|\\+)?)\s*:/)) {\n               parserInput.forget();\n\n          // at
last, we have the complete match now. move forward,\n          // convert name particles to tree objects and
return:\n          if (name[0] === '') {\n               name.shift();\n               index.shift();\n
}\n          for (k = 0; k < name.length; k++) {\n               s = name[k];\n               name[k] =
(s.charAt(0) !== '@' && s.charAt(0)
!== '$') ?\n               new(tree.Keyword)(s) :\n                    (s.charAt(0) === '@' ?\n
new(tree.Variable)(`@${s.slice(2, -1)}`, index[k], fileInfo) :\n               new(tree.Property)(`$${s.slice(2, -
1)}`, index[k], fileInfo));\n          }\n               return name;\n          }\n          parserInput.restore();\n
     }\n          }\n     };\n};\nParser.serializeVars = vars => {\n    let s = '';\n\n   for (const name in vars) {\n     if
(Object.hasOwnProperty.call(vars, name)) {\n          const value = vars[name];\n          s += `${((name[0] === '@')
? '' : '@') + name}: ${value}${(String(value).slice(-1) === ';') ? '' : ';'}`;\n          }\n     }\n\n   return s;\n};\n\nexport
default Parser;\n","import Anonymous from '../tree/anonymous';\nimport Keyword from
'../tree/keyword';\n\nfunction boolean(condition) {\n   return condition ? Keyword.True :
Keyword.False;\n}\n\n\n/**\n
```

* Functions with evalArgs set to false are sent context\n * as the first argument.\n */\nfunction If(context, condition, trueValue, falseValue) {\n   return condition.eval(context) ? trueValue.eval(context)\n   : (falseValue ? falseValue.eval(context) : new Anonymous);\n}\n\nIf.evalArgs = false;\n\nfunction isdefined(context, variable) {\n   try {\n   variable.eval(context);\n   return Keyword.True;\n   } catch (e) {\n   return Keyword.False;\n   }\n}\n\nisdefined.evalArgs = false;\n\nexport default { isdefined, boolean, 'if': If };\n","import Dimension from '../tree/dimension';\nimport Color from '../tree/color';\nimport Quoted from '../tree/quoted';\nimport Anonymous from '../tree/anonymous';\nimport Expression from '../tree/expression';\nimport Operation from '../tree/operation';\nlet colorFunctions;\n\nfunction clamp(val) {\n   return Math.min(1, Math.max(0, val));\n}\n\nfunction hsla(origColor, hsl) {\n   const color = colorFunctions.hsla(hsl.h, hsl.s, hsl.l, hsl.a);\n   if (color) {\n   if (origColor.value && \n   /^(rgb|hsl)/.test(origColor.value)) {\n   color.value = origColor.value;\n   } else {\n   color.value = 'rgb';\n   }\n   return color;\n   }\n}\n\nfunction toHSL(color) {\n   if (color.toHSL) {\n   return color.toHSL();\n   } else {\n   throw new Error('Argument cannot be evaluated to a color');\n   }\n}\n\nfunction toHSV(color) {\n   if (color.toHSV) {\n   return color.toHSV();\n   } else {\n   throw new Error('Argument cannot be evaluated to a color');\n   }\n}\n\nfunction number(n) {\n   if (n instanceof Dimension) {\n   return parseFloat(n.unit.is('%') ? n.value / 100 : n.value);\n   } else if (typeof n === 'number') {\n   return n;\n   } else {\n   throw {\n   type: 'Argument',\n   message: 'color functions take numbers as parameters'\n   };\n   }\n}\nfunction scaled(n, size) {\n   if (n instanceof Dimension && n.unit.is('%')) {\n   return parseFloat(n.value * size / 100);\n   } else {\n   return number(n);\n   }\n}\ncolorFunctions = {\n   rgb: function (r, g, b) {\n   let a = 1\n   /**\n   * Comma-less syntax\n   * e.g. rgb(0 128 255 / 50%)\n   */\n   if (r instanceof Expression) {\n   const val = r.value\n   r = val[0]\n   g = val[1]\n   b = val[2]\n   /** \n   * @todo - should this be normalized in\n   * function caller? Or parsed differently?\n   */\n   if (b instanceof Operation) {\n   const op = b\n   b = op.operands[0]\n   a = op.operands[1]\n   }\n   }\n   const color = colorFunctions.rgba(r, g, b, a);\n   if (color) {\n   color.value = 'rgb';\n   return color;\n   }\n   },\n   rgba: function (r, g, b, a) {\n   try {\n   if (r instanceof Color) {\n   if (g) {\n   a = number(g);\n   } else {\n   a = r.alpha;\n   }\n   return new Color(r.rgb, a, 'rgba');\n   }\n   const rgb = [r, g, b].map(c => scaled(c, 255));\n   a = number(a);\n   return new Color(rgb, a, 'rgba');\n   } catch (e) {}\n   },\n   hsl: function (h, s, l) {\n   let a = 1\n   if (h instanceof Expression) {\n   const val = h.value\n   h = val[0]\n   s = val[1]\n   l = val[2]\n\n   if (l instanceof Operation) {\n   const op = l\n   l = op.operands[0]\n   a = op.operands[1]\n   }\n   }\n   const color = colorFunctions.hsla(h, s, l, a);\n   if (color) {\n   color.value = 'hsl';\n   return color;\n   }\n   },\n   hsla: function (h, s, l, a) {\n   try {\n   if (h instanceof Color) {\n   if (s) {\n   a = number(s);\n   } else {\n   a = h.alpha;\n   }\n   return new Color(h.rgb, a, 'hsla');\n   }\n\n   let m1;\n   let m2;\n\n   function hue(h) {\n   h = h < 0 ? h + 1 : (h > 1 ? h - 1 : h);\n   if (h * 6 < 1) {\n   return m1 + (m2 - m1) * h * 6;\n   }\n   else if (h * 2 < 1) {\n   return m2;\n   }\n   else if (h * 3 < 2) {\n   return m1 + (m2 - m1) * (2 / 3 - h) * 6;\n   }\n   else {\n   return m1;\n   }\n   }\n\n   h = (number(h) % 360) / 360;\n   s = clamp(number(s));l = clamp(number(l));a = clamp(number(a));\n\n   m2 = l <= 0.5 ? l * (s + 1) : l + s - l * s;\n   m1 = l * 2 - m2;\n\n   const rgb = [\n   hue(h + 1 / 3) * 255,\n   hue(h)   * 255,\n   hue(h - 1 / 3) * 255\n   ];\n   a = number(a);\n   return new Color(rgb, a, 'hsla');\n   } catch (e) {}\n   },\n\n   hsv: function(h, s, v) {\n   return colorFunctions.hsva(h, s, v, 1.0);\n   },\n\n   hsva: function(h, s, v, a) {\n   h = ((number(h) % 360) / 360) * 360;\n   s = number(s);v = number(v);a = number(a);\n\n   let i;\n   let f;\n   i = Math.floor((h / 60) % 6);\n   f = (h / 60) - i;\n\n   const vs = [v,\n   v * (1 - s),\n   v * (1 - f * s),\n   v * (1 - (1 - f) * s)];\n   const perm = [[0, 3, 1],\n   [2, 0, 1],\n   [1, 0, 3],\n   [1, 2, 0],\n

[3, 1, 0],\n   [0, 1, 2]];\n\n   return colorFunctions.rgba(vs[perm[i][0]] * 255,\n   vs[perm[i][1]] * 255,\n   vs[perm[i][2]] * 255,\n   a);\n   },\n\n

hue: function (color) {\n   return new Dimension(toHSL(color).h);\n   },\n   saturation: function (color) {\n   return new Dimension(toHSL(color).s * 100, '%');\n   },\n   lightness: function (color) {\n   return new Dimension(toHSL(color).l * 100, '%');\n   },\n   hsvhue: function(color) {\n   return new Dimension(toHSV(color).h);\n   },\n   hsvsaturation: function (color) {\n   return new Dimension(toHSV(color).s * 100, '%');\n   },\n   hsvvalue: function (color) {\n   return new Dimension(toHSV(color).v * 100, '%');\n   },\n   red: function (color) {\n   return new Dimension(color.rgb[0]);\n   },\n   green: function (color) {\n   return new Dimension(color.rgb[1]);\n   },\n   blue: function (color) {\n   return new Dimension(color.rgb[2]);\n   },\n   alpha: function (color) {\n   return new Dimension(toHSL(color).a);\n   },\n   luma: function (color) {\n   return new Dimension(color.luma() * color.alpha

* 100, '%');\n   },\n   luminance: function (color) {\n   const luminance =\n   (0.2126 * color.rgb[0] / 255)
+\n   (0.7152 * color.rgb[1] / 255) +\n   (0.0722 * color.rgb[2] / 255);\n\n   return new Dimension(luminance * color.alpha * 100, '%');\n   },\n   saturate: function (color, amount, method) {\n   // filter: saturate(3.2);\n   // should be kept as is, so check for color\n   if (!color.rgb) {\n   return null;\n }\n   const hsl = toHSL(color);\n\n   if (typeof method !== 'undefined' && method.value === 'relative') {\n   hsl.s += hsl.s * amount.value / 100;\n   }\n   else {\n   hsl.s += amount.value / 100;\n   }\n   hsl.s = clamp(hsl.s);\n   return hsla(color, hsl);\n   },\n   desaturate: function (color, amount, method) {\n   const hsl = toHSL(color);\n\n   if (typeof method !== 'undefined' && method.value === 'relative') {\n   hsl.s -= hsl.s * amount.value / 100;\n   }\n   else {\n   hsl.s -= amount.value / 100;\n   }\n   hsl.s = clamp(hsl.s);\n   return hsla(color, hsl);\n   },\n   lighten: function (color, amount, method) {\n   const hsl = toHSL(color);\n\n   if (typeof method !== 'undefined' && method.value === 'relative') {\n   hsl.l += hsl.l * amount.value / 100;\n   }\n   else {\n   hsl.l += amount.value / 100;\n   }\n   hsl.l = clamp(hsl.l);\n   return hsla(color, hsl);\n   },\n   darken: function (color, amount, method) {\n   const hsl = toHSL(color);\n\n   if (typeof method !== 'undefined' && method.value === 'relative') {\n   hsl.l -= hsl.l * amount.value / 100;\n   }\n   else {\n   hsl.l -= amount.value / 100;\n   }\n   hsl.l = clamp(hsl.l);\n   return hsla(color, hsl);\n   },\n   fadein: function (color, amount, method) {\n   const hsl = toHSL(color);\n\n   if (typeof method !== 'undefined' && method.value === 'relative') {\n   hsl.a += hsl.a * amount.value / 100;\n   }\n   else {\n   hsl.a += amount.value / 100;\n   }\n   hsl.a = clamp(hsl.a);\n   return hsla(color, hsl);\n   },\n   fadeout: function (color, amount, method) {\n   const hsl = toHSL(color);\n\n   if (typeof method !== 'undefined' && method.value === 'relative') {\n   hsl.a -= hsl.a * amount.value / 100;\n   }\n   else {\n   hsl.a -= amount.value / 100;\n   }\n   hsl.a = clamp(hsl.a);\n   return hsla(color, hsl);\n   },\n   fade: function (color, amount) {\n   const hsl = toHSL(color);\n\n   hsl.a = amount.value / 100;\n   hsl.a = clamp(hsl.a);\n   return hsla(color, hsl);\n   },\n   spin: function (color, amount) {\n   const hsl = toHSL(color);\n   const hue = (hsl.h + amount.value) % 360;\n\n   hsl.h = hue < 0 ?
360 + hue : hue;\n\n   return hsla(color, hsl);\n   },\n   //\n   // Copyright (c) 2006-2009 Hampton Catlin, Natalie Weizenbaum, and Chris Eppstein\n   // http://sass-lang.com\n   //\n   mix: function (color1, color2, weight) {\n   if (!weight) {\n   weight = new Dimension(50);\n   }\n   const p = weight.value / 100.0;\n   const w = p * 2 - 1;\n   const a = toHSL(color1).a - toHSL(color2).a;\n\n   const w1 = (((w * a == -1) ? w : (w + a) / (1 + w * a)) + 1) / 2.0;\n   const w2 = 1 - w1;\n\n   const rgb = [color1.rgb[0] * w1 + color2.rgb[0] * w2,\n   color1.rgb[1] * w1 + color2.rgb[1] * w2,\n   color1.rgb[2] * w1 + color2.rgb[2] * w2];\n\n   const alpha = color1.alpha * p + color2.alpha * (1 - p);\n\n   return new Color(rgb, alpha);\n   },\n   greyscale: function (color) {\n   return colorFunctions.desaturate(color, new Dimension(100));\n   },\n   contrast: function (color, dark, light, threshold)
{\n   // filter: contrast(3.2);\n   // should be kept as is, so check for color\n   if (!color.rgb) {\n   return null;\n   }\n   if (typeof light === 'undefined') {\n   light = colorFunctions.rgba(255, 255, 255, 1.0);\n }\n   if (typeof dark === 'undefined') {\n   dark = colorFunctions.rgba(0, 0, 0, 1.0);\n   }\n   // Figure

out which is actually light and dark:\n   if (dark.luma() > light.luma()) {\n   const t = light;\n   light = dark;\n   dark = t;\n   }\n   if (typeof threshold === 'undefined') {\n   threshold = 0.43;\n   } else {\n   threshold = number(threshold);\n   }\n   if (color.luma() < threshold) {\n   return light;\n   } else {\n   return dark;\n   }\n   },\n   // Changes made in 2.7.0 - Reverted in 3.0.0\n   // contrast: function (color, color1, color2, threshold) {\n   //   // Return

which of `color1` and `color2` has the greatest contrast with `color`\n   //   // according to the standard WCAG contrast ratio calculation.\n   //   // http://www.w3.org/TR/WCAG20/#contrast-ratiodef\n   //   // The threshold param is no longer used, in line with SASS.\n   //   // filter: contrast(3.2);\n   //   // should be kept as is, so check for color\n   //   if (!color.rgb) {\n   //   return null;\n   //   }\n   //   if (typeof color1 === 'undefined') {\n   //   color1 = colorFunctions.rgba(0, 0, 0, 1.0);\n   //   }\n   //   if (typeof color2 === 'undefined') {\n   //   color2 = colorFunctions.rgba(255, 255, 255, 1.0);\n   //   }\n   //   var contrast1, contrast2;\n   //   var luma = color.luma();\n   //   var luma1 = color1.luma();\n   //   var luma2 = color2.luma();\n   //   // Calculate contrast ratios for each color\n   //   if (luma > luma1) {\n   //   contrast1 = (luma + 0.05) / (luma1 + 0.05);\n   //   } else {\n   //   contrast1 = (luma1 + 0.05) / (luma + 0.05);\n   //   }\n   //   if (luma > luma2) {\n   //   contrast2 = (luma + 0.05) / (luma2 + 0.05);\n   //   } else {\n   //   contrast2 = (luma2 + 0.05) / (luma + 0.05);\n   //   }\n   //   if (contrast1 > contrast2) {\n   //   return color1;\n   //   } else {\n   //   return color2;\n   //   }\n   // },\n   argb: function (color) {\n   return new Anonymous(color.toARGB());\n   },\n   color: function(c) {\n   if ((c instanceof Quoted) &&\n   (/^#([A-Fa-f0-9]{8}|[A-Fa-f0-9]{6}|[A-Fa-f0-9]{3,4})$/i.test(c.value))) {\n   const val = c.value.slice(1);\n   return new Color(val, undefined, `#${val}`);\n   }\n   if ((c instanceof Color) || (c = Color.fromKeyword(c.value))) {\n   c.value = undefined;\n   return c;\n   }\n   throw {\n   type: 'Argument',\n   message: 'argument must be a color keyword or 3|4|6|8 digit hex e.g. #FFF'\n   };\n   },\n   tint: function(color, amount) {\n   return colorFunctions.mix(colorFunctions.rgb(255, 255, 255), color, amount);\n   },\n   shade: function(color, amount) {\n   return colorFunctions.mix(colorFunctions.rgb(0, 0, 0), color, amount);\n   }\n};\n\nexport default colorFunctions;\n","import Color from '../tree/color';\n\n// Color Blending\n// ref: http://www.w3.org/TR/compositing-1\n\nfunction colorBlend(mode, color1, color2) {\n   const ab = color1.alpha; // result\n\n   let // backdrop\n   cb;\n\n   const as = color2.alpha;\n   let // source\n   cs;\n\n   let ar;\n   let cr;   const r = [];\n\n   ar = as + ab * (1 - as);\n   for (let i = 0; i < 3; i++) {\n   cb = color1.rgb[i] / 255;\n   cs = color2.rgb[i] / 255;\n   cr = mode(cb, cs);\n   if (ar) {\n   cr = (as * cs + ab * (cb -\n   as *\n   (cb + cs - cr))) / ar;\n   }\n

        r[i] = cr * 255;\n   }\n\n   return new Color(r, ar);\n}\n\nconst colorBlendModeFunctions = {\n   multiply: function(cb, cs) {\n   return cb * cs;\n   },\n   screen: function(cb, cs) {\n   return cb + cs - cb * cs;\n   },\n   overlay: function(cb, cs) {\n   cb *= 2;\n   return (cb <= 1) ?\n   colorBlendModeFunctions.multiply(cb, cs) :\n   colorBlendModeFunctions.screen(cb - 1, cs);\n   },\n   softlight: function(cb, cs) {\n   let d = 1;\n   let e = cb;\n   if (cs > 0.5) {\n   e = 1;\n   d = (cb > 0.25) ? Math.sqrt(cb)\n   : ((16 * cb - 12) * cb + 4) * cb;\n   }\n   return cb - (1 - 2 * cs) * e * (d - cb);\n   },\n   hardlight: function(cb, cs) {\n   return colorBlendModeFunctions.overlay(cs, cb);\n   },\n   difference: function(cb, cs) {\n   return Math.abs(cb - cs);\n   },\n   exclusion: function(cb, cs) {\n   return cb + cs - 2 * cb * cs;\n   },\n\n   // non-w3c functions:\n   average: function(cb, cs) {\n   return (cb + cs) / 2;\n   },\n   negation: function(cb, cs) {\n   return 1 - Math.abs(cb + cs - 1);\n   }\n};\n\nfor (const f in colorBlendModeFunctions) {\n   if (colorBlendModeFunctions.hasOwnProperty(f)) {\n   colorBlend[f] = colorBlend.bind(null, colorBlendModeFunctions[f]);\n   }\n}\n\nexport default colorBlend;\n","import Comment from '../tree/comment';\nimport Node from '../tree/node';\nimport Dimension from '../tree/dimension';\nimport Declaration from '../tree/declaration';\nimport Expression from '../tree/expression';\nimport Ruleset from '../tree/ruleset';\nimport Selector from '../tree/selector';\nimport Element from '../tree/element';\nimport Quote from '../tree/quoted';\nimport Value from '../tree/value';\n\nconst getItemsFromNode = node => {\n   // handle non-array values as an array of length 1\n   // return 'undefined' if index is invalid\n   const items = Array.isArray(node.value) ?\n

node.value : Array(node);\n\n   return items;\n};\n\nexport default {\n   _SELF: function(n) {\n   return n;\n   },\n   '~': function(...expr) {\n   if (expr.length === 1) {\n   return expr[0];\n   }\n   return new Value(expr);\n   },\n   extract: function(values, index) {\n   // (1-based index)\n   index = index.value - 1;\n\n   return getItemsFromNode(values)[index];\n   },   length: function(values) {\n   return new Dimension(getItemsFromNode(values).length);\n   },   /**\n   * Creates a Less list of incremental values.\n   *   * Modeled after Lodash's range function, also exists natively in PHP\n   * \n   * @param {Dimension} [start=1]\n   * @param {Dimension} end - e.g. 10 or 10px - unit is added to output\n   * @param {Dimension} [step=1] \n   */\n   range: function(start, end, step) {\n   let from;\n   let to;\n   let stepValue = 1;\n   const list = [];\n   if (end) {\n

            to = end;\n   from = start.value;\n   if (step) {\n   stepValue = step.value;\n   }\n   } else {\n   from = 1;\n   to = start;\n   }\n\n   for (let i = from; i <= to.value; i += stepValue) {\n   list.push(new Dimension(i, to.unit));\n   }\n\n   return new Expression(list);\n   },   each: function(list, rs) {\n   const rules = [];\n   let newRules;\n   let iterator;\n\n   const tryEval = val => {\n   if (val instanceof Node) {\n   return val.eval(this.context);\n   }   return val;\n   };\n\n   if (list.value && !(list instanceof Quote)) {\n   if (Array.isArray(list.value)) {\n   iterator = list.value.map(tryEval);\n   } else {\n   iterator = [tryEval(list.value)];\n   }   } else if (list.ruleset) {\n   iterator = tryEval(list.ruleset).rules;\n

        } else if (list.rules) {\n   iterator = list.rules.map(tryEval);\n   } else if (Array.isArray(list)) {\n   iterator = list.map(tryEval);\n   } else {\n   iterator = [tryEval(list)];\n   }\n\n   let valueName = '@value';\n   let keyName = '@key';\n   let indexName = '@index';\n\n   if (rs.params) {\n   valueName = rs.params[0] && rs.params[0].name;\n   keyName = rs.params[1] && rs.params[1].name;\n   indexName = rs.params[2] && rs.params[2].name;\n   rs = rs.rules;\n   } else {\n   rs = rs.ruleset;\n   }\n\n   for (let i = 0; i < iterator.length; i++) {\n   let key;\n   let value;\n   const item = iterator[i];\n   if (item instanceof Declaration) {\n   key = typeof item.name === 'string' ? item.name : item.name[0].value;\n   value = item.value;\n   } else {\n   key = new Dimension(i + 1);\n   value = item;\n   }\n\n   if (item instanceof Comment) {\n   continue;\n   }\n   newRules = rs.rules.slice(0);\n   if (valueName) {\n   newRules.push(new Declaration(valueName,\n   value,\n   false, false, this.index, this.currentFileInfo));\n   }   if (indexName) {\n   newRules.push(new Declaration(indexName,\n   new Dimension(i + 1),\n   false, false, this.index, this.currentFileInfo));\n   }   if (keyName) {\n   newRules.push(new Declaration(keyName,\n   key,\n   false, false, this.index, this.currentFileInfo));\n   }\n   rules.push(new Ruleset([new(Selector)([new Element(\"\", '&')])],\n   newRules,\n   rs.strictImports,\n   rs.visibilityInfo()\n

            ));\n   }\n\n   return new Ruleset([new(Selector)([new Element(\"\", '&')])],\n   rules,\n   rs.strictImports,\n   rs.visibilityInfo()\n   ).eval(this.context);\n   }\n};\n","import Dimension from '../tree/dimension';\n\nconst MathHelper = (fn, unit, n) => {\n   if (!(n instanceof Dimension)) {\n   throw { type: 'Argument', message: 'argument must be a number' };\n   }\n   if (unit == null) {\n   unit = n.unit;\n   } else {\n   n = n.unify();\n   }\n   return new Dimension(fn(parseFloat(n.value)), unit);\n};\n\nexport default MathHelper;","import mathHelper from './math-helper.js';\n\nconst mathFunctions = {\n   // name, unit\n   ceil: null,\n   floor: null,\n   sqrt: null,\n   abs: null,\n   tan: '',\n   sin: '',\n   cos: '',\n   atan: 'rad',\n   asin: 'rad',\n   acos: 'rad'\n};\n\nfor (const f in mathFunctions) {\n   if (mathFunctions.hasOwnProperty(f)) {\n   mathFunctions[f]

 = mathHelper.bind(null, Math[f], mathFunctions[f]);\n   }\n}\n\nmathFunctions.round = (n, f) => {\n   const fraction = typeof f === 'undefined' ? 0 : f.value;\n   return mathHelper(num => num.toFixed(fraction), null, n);\n};\n\nexport default mathFunctions;\n","import Dimension from '../tree/dimension';\nimport Anonymous from '../tree/anonymous';\nimport mathHelper from './math-helper.js';\n\nconst minMax = function (isMin, args) {\n   args = Array.prototype.slice.call(args);\n   switch (args.length) {\n   case 0: throw { type: 'Argument', message:

'one or more arguments required' };\n   }\n   let i; // key is the unit.toString() for unified Dimension values,\n   let j;\n   let current;\n   let currentUnified;\n   let referenceUnified;\n   let unit;\n   let unitStatic;\n   let unitClone;\n\n   const // elems only contains original argument values.\n   order = [];\n\n   const values = {};\n   // value is the index into the order array.\n   for (i = 0; i < args.length; i++) {\n   current = args[i];\n   if (!(current instanceof Dimension)) {\n   if (Array.isArray(args[i].value)) {\n   Array.prototype.push.apply(args, Array.prototype.slice.call(args[i].value));\n   }\n   continue;\n   }\n   currentUnified = current.unit.toString() === '' && unitClone !== undefined ? new Dimension(current.value, unitClone).unify() : current.unify();\n   unit = currentUnified.unit.toString() === '' && unitStatic !== undefined ? unitStatic : currentUnified.unit.toString();\n   unitStatic = unit !== '' && unitStatic === undefined || unit !== '' && order[0].unify().unit.toString() === '' ? unit : unitStatic;\n   unitClone = unit !== '' && unitClone === undefined ? current.unit.toString() : unitClone;\n   j = values[''] !== undefined && unit !== '' && unit === unitStatic ? values[''] : values[unit];\n   if (j === undefined) {\n   if (unitStatic !== undefined && unit !== unitStatic) {\n   throw { type: 'Argument', message: 'incompatible types' };\n   }\n   values[unit] = order.length;\n   order.push(current);\n   continue;\n   }\n   referenceUnified = order[j].unit.toString() === '' && unitClone !== undefined ? new Dimension(order[j].value, unitClone).unify() : order[j].unify();\n   if (isMin && currentUnified.value < referenceUnified.value ||\n   !isMin && currentUnified.value > referenceUnified.value) {\n   order[j] = current;\n   }\n   }\n   if (order.length == 1) {\n   return order[0];\n   }\n   args = order.map(function (a) { return a.toCSS(this.context); }).join(this.context.compress ? ',' : ', ');\n   return new Anonymous(`${isMin ? 'min' : 'max'}(${args})`);\n};\n\nexport default {\n   min: function(...args) {\n   try {\n   return minMax(true, args);\n   } catch (e) {}\n   },\n   max: function(...args) {\n   try {\n   return minMax(false, args);\n   } catch (e) {}\n   },\n   convert: function (val, unit) {\n   return val.convertTo(unit.value);\n   },\n   pi: function () {\n   return new Dimension(Math.PI);\n   },\n   mod: function(a, b) {\n   return new Dimension(a.value % b.value, a.unit);\n   },\n   pow: function(x, y) {\n   if (typeof x === 'number' && typeof y === 'number') {\n   x = new Dimension(x);\n   y = new Dimension(y);\n   } else if (!(x instanceof Dimension) || !(y instanceof Dimension)) {\n   throw { type: 'Argument', message: 'arguments must be numbers' };\n   }\n\n   return new Dimension(Math.pow(x.value, y.value), x.unit);\n   },\n   percentage: function (n) {\n   const result = mathHelper(num => num * 100, '%', n);\n\n   return result;\n   }\n};\n","import Quoted from '../tree/quoted';\nimport Anonymous from '../tree/anonymous';\nimport JavaScript from '../tree/javascript';\n\nexport default {\n   e: function (str) {\n   return new Quoted('\"', str instanceof JavaScript ? str.evaluated : str.value, true);\n   },\n   escape: function (str) {\n   return new Anonymous(\n   encodeURI(str.value).replace(/=/g, '%3D').replace(/:/g, '%3A').replace(/#/g, '%23').replace(/;/g, '%3B')\n   .replace(/\\(/g, '%28').replace(/\\)/g, '%29'));\n   },\n   replace: function (string, pattern, replacement, flags) {\n   let result = string.value;\n   replacement = (replacement.type === 'Quoted') ?\n   replacement.value : replacement.toCSS();\n   result = result.replace(new RegExp(pattern.value, flags ? flags.value : ''), replacement);\n   return new Quoted(string.quote || '', result, string.escaped);\n   },\n   '%': function (string /* arg, arg, ... */) {\n   const args = Array.prototype.slice.call(arguments, 1);\n   let result = string.value;\n\n   for (let i = 0; i < args.length; i++) {\n   /* jshint loopfunc:true */\n   result = result.replace(/%[sda]/i, token => {\n   const value = ((args[i].type === 'Quoted') &&\n   token.match(/s/i)) ? args[i].value : args[i].toCSS();\n   return token.match(/[A-Z]$/) ?\n   encodeURIComponent(value) : value;\n   });\n   }\n   result = result.replace(/%%/g, '%');\n   return new Quoted(string.quote || '', result, string.escaped);\n   }\n};\n","import Keyword from '../tree/keyword';\nimport DetachedRuleset from '../tree/detached-ruleset';\nimport Dimension from '../tree/dimension';\nimport Color from '../tree/color';\nimport Quoted from '../tree/quoted';\nimport Anonymous from '../tree/anonymous';\nimport URL from '../tree/url';\nimport Operation from '../tree/operation';\n\nconst isa = (n, Type) => (n instanceof Type) ? Keyword.True : Keyword.False;\nconst isunit = (n, unit) => {\n   if (unit === undefined) {\n   throw { type:

'Argument', message: 'missing the required second

 argument to isunit.' };\n   }\n   unit = typeof unit.value === 'string' ? unit.value : unit;\n   if (typeof unit !== 'string') {\n   throw { type: 'Argument', message: 'Second argument to isunit should be a unit or a string.' };\n   }\n   return (n instanceof Dimension) && n.unit.is(unit) ? Keyword.True : Keyword.False;\n};\n\nexport default {\n   isruleset: function (n) {\n   return isa(n, DetachedRuleset);\n   },\n   iscolor: function (n) {\n   return isa(n, Color);\n   },\n   isnumber: function (n) {\n   return isa(n, Dimension);\n   },\n   isstring: function (n) {\n   return isa(n, Quoted);\n   },\n   iskeyword: function (n) {\n   return isa(n, Keyword);\n   },\n   isurl: function (n) {\n   return isa(n, URL);\n   },\n   ispixel: function (n) {\n   return isunit(n, 'px');\n   },\n   ispercentage: function (n) {\n   return isunit(n, '%');\n   },\n   isem: function (n) {\n   return isunit(n, 'em');\n   },\n   isunit,\n   unit: function (val, unit) {\n   if (!(val instanceof Dimension)) {\n   throw { type: 'Argument',\n   message: `the first argument to unit must be a number${val instanceof Operation ? '. Have you forgotten parenthesis?' : ''}` };\n   }\n   if (unit) {\n   if (unit instanceof Keyword) {\n   unit = unit.value;\n   } else {\n   unit = unit.toCSS();\n   }\n   } else {\n   unit = '';\n   }\n   return new Dimension(val.value, unit);\n   },\n   'get-unit': function (n) {\n   return new Anonymous(n.unit);\n   }\n};\n","import functionRegistry from './function-registry';\nimport functionCaller from './function-caller';\nimport boolean from './boolean';\nimport defaultFunc from './default';\nimport color from './color';\nimport colorBlending from './color-blending';\nimport dataUri from './data-uri';\nimport list from './list';\nimport math from './math';\nimport

 number from './number';\nimport string from './string';\nimport svg from './svg';\nimport types from './types';\n\nexport default environment => {\n   const functions = { functionRegistry, functionCaller };\n\n   // register functions\n   functionRegistry.addMultiple(boolean);\n   functionRegistry.add('default', defaultFunc.eval.bind(defaultFunc));\n   functionRegistry.addMultiple(color);\n   functionRegistry.addMultiple(colorBlending);\n   functionRegistry.addMultiple(dataUri(environment));\n   functionRegistry.addMultiple(list);\n   functionRegistry.addMultiple(math);\n   functionRegistry.addMultiple(number);\n   functionRegistry.addMultiple(string);\n   functionRegistry.addMultiple(svg(environment));\n   functionRegistry.addMultiple(types);\n\n   return functions;\n};\n","import Quoted from '../tree/quoted';\nimport URL from '../tree/url';\nimport * as utils from '../utils';\nimport logger from '../logger';\n\nexport default environment => {\n   \n   const fallback

 = (functionThis, node) => new URL(node, functionThis.index, functionThis.currentFileInfo).eval(functionThis.context);   \n\n   return { 'data-uri': function(mimetypeNode, filePathNode) {\n\n   if (!filePathNode) {\n   filePathNode = mimetypeNode;\n   mimetypeNode = null;\n   }\n\n   let mimetype = mimetypeNode && mimetypeNode.value;\n   let filePath = filePathNode.value;\n   const currentFileInfo = this.currentFileInfo;\n   const currentDirectory = currentFileInfo.rewriteUrls ?\n   currentFileInfo.currentDirectory : currentFileInfo.entryPath;\n\n   const fragmentStart = filePath.indexOf('#');\n   let fragment = '';\n   if (fragmentStart !== -1) {\n   fragment = filePath.slice(fragmentStart);\n   filePath = filePath.slice(0, fragmentStart);\n   }\n   const context = utils.clone(this.context);\n   context.rawBuffer = true;\n\n   const fileManager = environment.getFileManager(filePath,

 currentDirectory, context, environment, true);\n\n   if (!fileManager) {\n   return fallback(this, filePathNode);\n   }\n\n   let useBase64 = false;\n\n   // detect the mimetype if not given\n   if (!mimetypeNode) {\n\n   mimetype = environment.mimeLookup(filePath);\n\n   if (mimetype === 'image/svg+xml') {\n   useBase64 = false;\n   } else {\n   // use base 64 unless it's an ASCII or UTF-8 format\n   const charset = environment.charsetLookup(mimetype);\n   useBase64 = ['US-ASCII', 'UTF-8'].indexOf(charset) < 0;\n   }\n   if (useBase64) { mimetype += ';base64'; }\n   }\n   else {\n   useBase64 = /;base64$/.test(mimetype);\n   }\n\n   const fileSync = fileManager.loadFileSync(filePath, currentDirectory, context, environment);\n   if (!fileSync.contents) {\n   logger.warn(`Skipped data-uri embedding of

${filePath} because file not found`);\n   return fallback(this, filePathNode || mimetypeNode);\n   }\n   let buf = fileSync.contents;\n   if (useBase64 && !environment.encodeBase64) {\n   return fallback(this, filePathNode);\n   }\n\n   buf = useBase64 ? environment.encodeBase64(buf) : encodeURIComponent(buf);\n\n   const uri = `data:${mimetype},${buf}${fragment}`;\n\n   return new URL(new Quoted(`\"${uri}\"`, uri, false, this.index, this.currentFileInfo), this.index, this.currentFileInfo);\n   }};\n};\n","import Dimension from '../tree/dimension';\nimport Color from '../tree/color';\nimport Expression from '../tree/expression';\nimport Quoted from '../tree/quoted';\nimport URL from '../tree/url';\nexport default environment => {\n   return { 'svg-gradient': function(direction) {\n   let stops;\n   let gradientDirectionSvg;\n   let gradientType = 'linear';\n   let rectangleDimension = 'x=\"0\" y=\"0\" width=\"1\" height=\"1\"';\n   const renderEnv = {compress: false};\n   let returner;\n   const directionValue = direction.toCSS(renderEnv);\n   let i;\n   let color;\n   let position;\n   let positionValue;\n   let alpha;\n\n   function throwArgumentDescriptor() {\n   throw { type: 'Argument',\n   message: 'svg-gradient expects direction, start_color [start_position], [color position,]...,' +\n   ' end_color [end_position] or direction, color list' };\n   }\n\n   if (arguments.length == 2) {\n   if (arguments[1].value.length < 2) {\n   throwArgumentDescriptor();\n   }\n   stops = arguments[1].value;\n   } else if (arguments.length < 3) {\n   throwArgumentDescriptor();\n   } else {\n   stops = Array.prototype.slice.call(arguments, 1);\n   }\n\n   switch (directionValue) {\n   case 'to bottom':\n   gradientDirectionSvg = 'x1=\"0%\" y1=\"0%\" x2=\"0%\" y2=\"100%\"';\n   break;\n   case 'to right':\n   gradientDirectionSvg = 'x1=\"0%\" y1=\"0%\" x2=\"100%\" y2=\"0%\"';\n   break;\n   case 'to bottom right':\n   gradientDirectionSvg = 'x1=\"0%\" y1=\"0%\" x2=\"100%\" y2=\"100%\"';\n   break;\n   case 'to top right':\n   gradientDirectionSvg = 'x1=\"0%\" y1=\"100%\" x2=\"100%\" y2=\"0%\"';\n   break;\n   case 'ellipse':\n   case 'ellipse at center':\n   gradientType = 'radial';\n   gradientDirectionSvg = 'cx=\"50%\" cy=\"50%\" r=\"75%\"';\n   rectangleDimension = 'x=\"-50\" y=\"-50\" width=\"101\" height=\"101\"';\n   break;\n   default:\n   throw { type: 'Argument', message: 'svg-gradient direction must be \\'to bottom\\', \\'to right\\',' +\n   ' \\'to bottom right\\', \\'to top right\\' or \\'ellipse at center\\'' };\n   }\n   returner = `<svg xmlns=\"http://www.w3.org/2000/svg\" viewBox=\"0 0 1 1\"><${gradientType}Gradient id=\"g\" ${gradientDirectionSvg}>`;\n\n   for (i = 0; i < stops.length; i += 1) {\n   if (stops[i] instanceof Expression) {\n   color = stops[i].value[0];\n   position = stops[i].value[1];\n   } else {\n   color = stops[i];\n   position = undefined;\n   }\n\n   if (!(color instanceof Color) || (!((i === 0 || i + 1 === stops.length) && position === undefined) && !(position instanceof Dimension))) {\n   throwArgumentDescriptor();\n   }\n   positionValue = position ? position.toCSS(renderEnv) : i === 0 ? '0%' : '100%';\n   alpha = color.alpha;\n   returner += `<stop offset=\"${positionValue}\" stop-color=\"${color.toRGB()}\"${alpha < 1 ? ` stop-opacity=\"${alpha}\"` : ""}/>`;\n   }\n   returner += `</${gradientType}Gradient><rect ${rectangleDimension} fill=\"url(#g)\" /></svg>`;\n\n   returner = encodeURIComponent(returner);\n\n   returner = `data:image/svg+xml,${returner}`;\n   return new URL(new Quoted(`'${returner}'`, returner, false, this.index, this.currentFileInfo), this.index, this.currentFileInfo);\n   }};\n};\n","import contexts from './contexts';\nimport visitor from './visitors';\nimport tree from './tree';\nexport default function(root, options) {\n   options = options || {};\n   let evaldRoot;\n   let variables = options.variables;\n   const evalEnv = new contexts.Eval(options);\n\n   //\n   // Allows setting variables with a hash, so:\n   //\n   // `{ color: new tree.Color('#f01') }` will become:\n   //\n   // new tree.Declaration('@color',\n   //   new tree.Value([\n   //   new tree.Expression([\n   //   new tree.Color('#f01')\n   //   ])\n   //   ])\n   //\n   //\n   if (typeof variables === 'object' && !Array.isArray(variables)) {\n   variables = Object.keys(variables).map(function (k) {\n   let value = variables[k];\n\n   if (!(value instanceof tree.Value)) {\n   if (!(value instanceof tree.Expression)) {\n   value = new tree.Expression([value]);\n   }\n   value = new tree.Value([value]);\n   }\n   return new

tree.Declaration(`@${k}`, value, false, null, 0);\n   });\n   evalEnv.frames = [new tree.Ruleset(null, variables)];\n   }\n\n   const visitors = [\n   new visitor.JoinSelectorVisitor(),\n   new visitor.MarkVisibleSelectorsVisitor(true),\n   new visitor.ExtendVisitor(),\n   new visitor.ToCSSVisitor({compress: Boolean(options.compress)})\n   ];\n\n   const preEvalVisitors = [];\n   let v;\n   let visitorIterator;\n\n   /**\n   * first() / get() allows visitors to be added while visiting\n   * \n   * @todo Add scoping for visitors just like functions for @plugin; right now they're global\n   */\n   if (options.pluginManager) {\n   visitorIterator = options.pluginManager.visitor();\n   for (var i = 0; i < 2; i++) {\n   visitorIterator.first();\n   while ((v = visitorIterator.get())) {\n   if (v.isPreEvalVisitor) {\n   if (i === 0 || preEvalVisitors.indexOf(v) === -1) {\n   preEvalVisitors.push(v);\n   v.run(root);\n   }\n   } else {\n   if (i === 0 || visitors.indexOf(v) === -1) {\n   if (v.isPreVisitor) {\n   visitors.unshift(v);\n   } else {\n   visitors.push(v);\n   }\n   }\n   }\n   }\n   }\n\n   evaldRoot = root.eval(evalEnv);\n\n   for (var i = 0; i < visitors.length; i++) {\n   visitors[i].run(evaldRoot);\n   }\n\n   // Run any remaining visitors added after eval pass\n   if (options.pluginManager) {\n   visitorIterator.first();\n   while ((v = visitorIterator.get())) {\n   if (visitors.indexOf(v) === -1 && preEvalVisitors.indexOf(v) === -1) {\n   v.run(evaldRoot);\n   }\n   }\n   }\n\n   return evaldRoot;\n};\n","/**\n * Plugin Manager\n */\nclass PluginManager {\n   constructor(less) {\n   this.less = less;\n   this.visitors = [];\n   this.preProcessors = [];\n   this.postProcessors = [];\n   this.installedPlugins = [];\n   this.fileManagers = [];\n   this.iterator = -1;\n   this.pluginCache = {};\n   this.Loader = new less.PluginLoader(less);\n   }\n\n   /**\n   * Adds all the plugins in the array\n   * @param {Array} plugins\n   */\n   addPlugins(plugins) {\n   if (plugins) {\n   for (let i = 0; i < plugins.length; i++) {\n   this.addPlugin(plugins[i]);\n   }\n   }\n   }\n\n   /**\n   *\n   * @param plugin\n   * @param {String} filename\n   */\n   addPlugin(plugin, filename, functionRegistry) {\n   this.installedPlugins.push(plugin);\n   if (filename) {\n   this.pluginCache[filename] = plugin;\n   }\n   if (plugin.install) {\n   plugin.install(this.less, this, functionRegistry || this.less.functions.functionRegistry);\n   }\n   }\n\n   /**\n   *\n   * @param filename\n   */\n   get(filename) {\n   return this.pluginCache[filename];\n   }\n\n   /**\n   * Adds a visitor. The visitor object has options on itself to determine\n   * when it should run.\n   * @param visitor\n   */\n   addVisitor(visitor) {\n   this.visitors.push(visitor);\n   }\n\n   /**\n   * Adds a pre processor object\n   * @param {object} preProcessor\n   * @param {number} priority - guidelines 1 = before import, 1000 = import, 2000 = after import\n   */\n   addPreProcessor(preProcessor, priority) {\n   let indexToInsertAt;\n   for (indexToInsertAt = 0; indexToInsertAt < this.preProcessors.length; indexToInsertAt++) {\n   if (this.preProcessors[indexToInsertAt].priority >= priority) {\n   break;\n   }\n   }\n   this.preProcessors.splice(indexToInsertAt, 0, {preProcessor, priority});\n   }\n\n   /**\n   * Adds a post processor object\n   * @param {object} postProcessor\n   * @param {number} priority - guidelines 1 = before compression, 1000 = compression, 2000 = after compression\n   */\n   addPostProcessor(postProcessor, priority) {\n   let indexToInsertAt;\n   for (indexToInsertAt = 0; indexToInsertAt < this.postProcessors.length; indexToInsertAt++) {\n   if (this.postProcessors[indexToInsertAt].priority >= priority) {\n   break;\n   }\n   }\n   this.postProcessors.splice(indexToInsertAt, 0, {postProcessor, priority});\n   }\n\n   /**\n   *\n   * @param manager\n   */\n   addFileManager(manager) {\n   this.fileManagers.push(manager);\n   }\n\n   /**\n   *\n   * @returns {Array}\n   * @private\n   */\n   getPreProcessors() {\n   const preProcessors = [];\n   for (let i = 0; i < this.preProcessors.length; i++) {\n   preProcessors.push(this.preProcessors[i].preProcessor);\n   }\n   return preProcessors;\n   }\n\n   /**\n   *\n   * @returns {Array}\n   * @private\n   */\n   getPostProcessors() {\n   const postProcessors = [];\n   for (let i = 0; i < this.postProcessors.length; i++) {\n   postProcessors.push(this.postProcessors[i].postProcessor);\n   }\n   return postProcessors;\n   }\n\n   /**\n   *\n   * @returns {Array}\n   * @private\n   */\n   getVisitors() {\n   return this.visitors;\n   }\n\n   visitor() {\n

const self = this;\n   return {\n   first: function() {\n   self.iterator = -1;\n   return self.visitors[self.iterator];\n   },\n   get: function() {\n   self.iterator += 1;\n   return self.visitors[self.iterator];\n   }\n   };\n   }\n\n   /**\n   *\n   * @returns {Array}\n   * @private\n   */\n   getFileManagers() {\n   return this.fileManagers;\n   }\n}\n\nlet pm;\n\nconst PluginManagerFactory = function(less, newFactory) {\n   if (newFactory || !pm) {\n   pm = new PluginManager(less);\n   }\n   return pm;\n};\n\n//\nexport default PluginManagerFactory;\n","'use strict';\n\nfunction parseNodeVersion(version) {\n   var match = version.match(/^v(\\d{1,2})\\.(\\d{1,2})\\.(\\d{1,2})(?:-([0-9A-Za-z-.]+))?(?:\\+([0-9A-Za-z-.]+))?$/); // eslint-disable-line max-len\n   if (!match) {\n   throw new Error('Unable to parse: ' + version);\n   }\n\n   var res = {\n   major: parseInt(match[1], 10),\n   minor: parseInt(match[2], 10),\n   patch: parseInt(match[3], 10),\n   pre: match[4] || '',\n   build: match[5] || '',\n   };\n   return res;\n}\n\nmodule.exports = parseNodeVersion;\n","/* global window, XMLHttpRequest */\n\nimport AbstractFileManager from '../less/environment/abstract-file-manager.js';\n\nlet options;\nlet logger;\nlet fileCache = {};\n\n// TODOS - move log somewhere. pathDiff and doing something similar in node. use pathDiff in the other browser file for the initial load\nconst FileManager = function() {}\nFileManager.prototype = Object.assign(new AbstractFileManager(), {\n   alwaysMakePathsAbsolute() {\n   return true;\n   },\n\n   join(basePath, laterPath) {\n   if (!basePath) {\n   return laterPath;\n   }\n   return this.extractUrlParts(laterPath, basePath).path;\n   },\n\n   doXHR(url, type, callback, errback) {\n   const xhr = new XMLHttpRequest();\n   const async = options.isFileProtocol\n   ? options.fileAsync : true;\n\n   if (typeof xhr.overrideMimeType === 'function') {\n   xhr.overrideMimeType('text/css');\n   }\n   logger.debug(`XHR: Getting '${url}'`);\n   xhr.open('GET', url, async);\n   xhr.setRequestHeader('Accept', type || 'text/x-less, text/css; q=0.9, */*; q=0.5');\n   xhr.send(null);\n\n   function handleResponse(xhr, callback, errback) {\n   if (xhr.status >= 200 && xhr.status < 300) {\n   callback(xhr.responseText,\n   xhr.getResponseHeader('Last-Modified'));\n   } else if (typeof errback === 'function') {\n   errback(xhr.status, url);\n   }\n   }\n\n   if (options.isFileProtocol && !options.fileAsync) {\n   if (xhr.status === 0 || (xhr.status >= 200 && xhr.status < 300)) {\n   callback(xhr.responseText);\n   } else {\n   errback(xhr.status, url);\n   }\n   } else if (async) {\n   xhr.onreadystatechange = () => {\n   if (xhr.readyState == 4) {\n   handleResponse(xhr, callback, errback);\n   }\n   };\n   } else {\n   handleResponse(xhr, callback, errback);\n   }\n   },\n\n   supports() {\n   return true;\n   },\n\n   clearFileCache() {\n   fileCache = {};\n   },\n\n   loadFile(filename, currentDirectory, options, environment) {\n   // TODO: Add prefix support like less-node?\n   // What about multiple paths?\n\n   if (currentDirectory && !this.isPathAbsolute(filename)) {\n   filename = currentDirectory + filename;\n   }\n\n   filename = options.ext ? this.tryAppendExtension(filename, options.ext) : filename;\n\n   options = options || {};\n\n   // sheet may be set to the stylesheet for the initial load or a collection of properties including\n   // some context variables for imports\n   const hrefParts = this.extractUrlParts(filename, window.location.href);\n   const href   = hrefParts.url;\n   const self   = this;\n   \n   return new Promise((resolve, reject) => {\n   if (options.useFileCache && fileCache[href]) {\n   try {\n   const lessText = fileCache[href];\n   return resolve({ contents: lessText, filename: href, webInfo: { lastModified: new Date() }});\n   } catch (e) {\n   return reject({ filename: href, message: `Error loading file ${href} error was ${e.message}` });\n   }\n   }\n\n   self.doXHR(href, options.mime, function doXHRCallback(data, lastModified) {\n   // per file cache\n   fileCache[href] = data;\n\n   // Use remote copy (re-parse)\n   resolve({ contents: data, filename: href, webInfo: { lastModified }});\n   }, function doXHRError(status, url) {\n   reject({\n   type: 'File', message: `'${url}' wasn't found (${status})`, href });\n   });\n   });\n   }\n});\n\nexport default (opts, log) => {\n   options = opts;\n   logger = log;\n   return FileManager;\n}\n","import Environment from './environment/environment';\nimport data from './data';\nimport tree from './tree';\nimport AbstractFileManager from './environment/abstract-file-manager';\nimport AbstractPluginLoader from './environment/abstract-plugin-

loader';\nimport visitors from './visitors';\nimport Parser from './parser/parser';\nimport functions from './functions';\nimport contexts from './contexts';\nimport LessError from './less-error';\nimport transformTree from './transform-tree';\nimport * as utils from './utils';\nimport PluginManager from './plugin-manager';\nimport logger from './logger';\nimport SourceMapOutput from './source-map-output';\nimport SourceMapBuilder from './source-map-builder';\nimport ParseTree from './parse-tree';\nimport ImportManager from './import-manager';\nimport Parse from './parse';\nimport Render from './render';\nimport { version } from '../../package.json';\nimport parseVersion from 'parse-node-version';\n\nexport default function(environment, fileManagers) {\n   let sourceMapOutput, sourceMapBuilder, parseTree, importManager;\n\n   environment = new Environment(environment, fileManagers);\n   sourceMapOutput = SourceMapOutput(environment);\n   sourceMapBuilder = SourceMapBuilder(sourceMapOutput, environment);\n   parseTree = ParseTree(sourceMapBuilder);\n   importManager = ImportManager(environment);\n\n   const render = Render(environment, parseTree, importManager);\n   const parse = Parse(environment, parseTree, importManager);\n\n   const v = parseVersion(`v${version}`);\n   const initial = {\n   version: [v.major, v.minor, v.patch],\n   data,\n   tree,\n   Environment,\n   AbstractFileManager,\n   AbstractPluginLoader,\n   environment,\n   visitors,\n   Parser,\n   functions: functions(environment),\n   contexts,\n   SourceMapOutput: sourceMapOutput,\n   SourceMapBuilder: sourceMapBuilder,\n   ParseTree: parseTree,\n   ImportManager: importManager,\n   render,\n   parse,\n   LessError,\n   transformTree,\n   utils,\n   PluginManager,\n   logger\n   };\n\n   // Create a public API\n\n   const ctor = function(t) {\n   return function() {\n   const obj = Object.create(t.prototype);\n   t.apply(obj, Array.prototype.slice.call(arguments, 0));\n   return obj;\n   };\n   };\n   let t;\n   const api = Object.create(initial);\n   for (const n in initial.tree) {\n   /* eslint guard-for-in: 0 */\n   t = initial.tree[n];\n   if (typeof t === 'function') {\n   api[n.toLowerCase()] = ctor(t);\n   }\n   else {\n   api[n] = Object.create(null);\n   for (const o in t) {\n   /* eslint guard-for-in: 0 */\n   api[n][o.toLowerCase()] = ctor(t[o]);\n   }\n   }\n   }\n\n   /**\n   * Some of the functions assume a `this` context of the API object,\n   * which causes it to fail when wrapped for ES6 imports.\n   * \n   * An assumed `this` should be removed in the future.\n   */\n   initial.parse = initial.parse.bind(api);\n   initial.render = initial.render.bind(api);\n\n   return api;\n};\n","import LessError from './less-error';\nimport transformTree from './transform-tree';\nimport logger from './logger';\nexport default function(SourceMapBuilder) {\n   class ParseTree {\n   constructor(root, imports) {\n   this.root = root;\n   this.imports = imports;\n   }\n\n   toCSS(options) {\n   let evaldRoot;\n   const result = {};\n   let sourceMapBuilder;\n   try {\n   evaldRoot = transformTree(this.root, options);\n   } catch (e) {\n   throw new LessError(e, this.imports);\n   }\n\n   try {\n   const compress = Boolean(options.compress);\n   if (compress) {\n   logger.warn('The compress option has been deprecated. ' + \n   'We recommend you use a dedicated css minifier, for instance see less-plugin-clean-css.');\n   }\n\n   const toCSSOptions = {\n   compress,\n   dumpLineNumbers: options.dumpLineNumbers,\n   strictUnits: Boolean(options.strictUnits),\n   numPrecision: 8};\n\n   if (options.sourceMap) {\n   sourceMapBuilder = new SourceMapBuilder(options.sourceMap);\n   result.css = sourceMapBuilder.toCSS(evaldRoot, toCSSOptions, this.imports);\n   } else {\n   result.css = evaldRoot.toCSS(toCSSOptions);\n   }\n   } catch (e) {\n   throw new LessError(e, this.imports);\n   }\n\n   if (options.pluginManager) {\n   const postProcessors = options.pluginManager.getPostProcessors();\n   for (let i = 0; i < postProcessors.length; i++) {\n   result.css = postProcessors[i].process(result.css, { sourceMap: sourceMapBuilder, options, imports: this.imports });\n   }\n   }\n   if (options.sourceMap) {\n   result.map = sourceMapBuilder.getExternalSourceMap();\n   }\n\n   result.imports = [];\n   for (const file in this.imports.files) {\n   if (this.imports.files.hasOwnProperty(file) && file !== this.imports.rootFilename) {\n   result.imports.push(file);\n   }\n   }\n   return result;\n   }\n   }\n\n   return

ParseTree;\n};\n","export default function (SourceMapOutput, environment) {\n   class SourceMapBuilder {\n   constructor(options)
{\n   this.options = options;\n   }\n\n   toCSS(rootNode, options, imports) {\n   const sourceMapOutput = new SourceMapOutput(\n   {\n   contentsIgnoredCharsMap: imports.contentsIgnoredChars,\n   rootNode,\n   contentsMap: imports.contents,\n   sourceMapFilename: this.options.sourceMapFilename,\n   sourceMapURL: this.options.sourceMapURL,\n   outputFilename: this.options.sourceMapOutputFilename,\n   sourceMapBasepath: this.options.sourceMapBasepath,\n   sourceMapRootpath: this.options.sourceMapRootpath,\n   outputSourceFiles: this.options.outputSourceFiles,\n   sourceMapGenerator: this.options.sourceMapGenerator,\n   sourceMapFileInline: this.options.sourceMapFileInline, \n   disableSourcemapAnnotation: this.options.disableSourcemapAnnotation\n

                });\n\n   const css = sourceMapOutput.toCSS(options);\n   this.sourceMap = sourceMapOutput.sourceMap;\n   this.sourceMapURL = sourceMapOutput.sourceMapURL;\n   if (this.options.sourceMapInputFilename) {\n   this.sourceMapInputFilename = sourceMapOutput.normalizeFilename(this.options.sourceMapInputFilename);\n   }\n   if (this.options.sourceMapBasepath !== undefined && this.sourceMapURL !== undefined) {\n   this.sourceMapURL = sourceMapOutput.removeBasepath(this.sourceMapURL);\n   }\n   return css + this.getCSSAppendage();\n   }\n\n   getCSSAppendage() {\n\n   let sourceMapURL = this.sourceMapURL;\n   if (this.options.sourceMapFileInline) {\n   if (this.sourceMap === undefined) {\n   return "";\n   }\n   sourceMapURL = `data:application/json;base64,${environment.encodeBase64(this.sourceMap)}`;\n

            }\n\n   if (this.options.disableSourcemapAnnotation) {\n   return "";\n   }\n\n   if (sourceMapURL) {\n   return `/*# sourceMappingURL=${sourceMapURL} */`;\n   }\n   return "";\n   }\n\n   getExternalSourceMap() {\n   return this.sourceMap;\n   }\n\n   setExternalSourceMap(sourceMap) {\n   this.sourceMap = sourceMap;\n   }\n\n   isInline() {\n   return this.options.sourceMapFileInline;\n   }\n\n   getSourceMapURL() {\n   return this.sourceMapURL;\n   }\n\n   getOutputFilename() {\n   return this.options.sourceMapOutputFilename;\n   }\n\n   getInputFilename() {\n   return this.sourceMapInputFilename;\n   }\n   }\n\n   return SourceMapBuilder;\n};\n","export default function (environment) {\n   class SourceMapOutput {\n   constructor(options) {\n   this._css
 = [];\n   this._rootNode = options.rootNode;\n   this._contentsMap = options.contentsMap;\n   this._contentsIgnoredCharsMap = options.contentsIgnoredCharsMap;\n   if (options.sourceMapFilename) {\n   this._sourceMapFilename = options.sourceMapFilename.replace(/\\\\/g, '/');\n   }\n   this._outputFilename = options.outputFilename;\n   this.sourceMapURL = options.sourceMapURL;\n   if (options.sourceMapBasepath) {\n   this._sourceMapBasepath = options.sourceMapBasepath.replace(/\\\\/g, '/');\n   }\n   if (options.sourceMapRootpath) {\n   this._sourceMapRootpath = options.sourceMapRootpath.replace(/\\\\/g, '/');\n   if (this._sourceMapRootpath.charAt(this._sourceMapRootpath.length - 1) !== '/') {\n   this._sourceMapRootpath += '/';\n   }\n   } else {\n   this._sourceMapRootpath = '';\n   }\n   this._outputSourceFiles = options.outputSourceFiles;\n   this._sourceMapGeneratorConstructor = environment.getSourceMapGenerator();\n\n   this._lineNumber = 0;\n   this._column = 0;\n   }\n\n   removeBasepath(path) {\n   if (this._sourceMapBasepath && path.indexOf(this._sourceMapBasepath) === 0) {\n   path = path.substring(this._sourceMapBasepath.length);\n   if (path.charAt(0) === '\\\\' || path.charAt(0) === '/') {\n   path = path.substring(1);\n   }\n   }\n\n   return path;\n   }\n\n   normalizeFilename(filename) {\n   filename = filename.replace(/\\\\/g, '/');\n   filename = this.removeBasepath(filename);\n   return (this._sourceMapRootpath || '') + filename;\n   }\n\n   add(chunk, fileInfo, index, mapLines) {\n\n   // ignore adding empty strings\n   if (!chunk) {\n

return;\n   }\n\n   let lines, sourceLines, columns, sourceColumns, i;\n   if (fileInfo && fileInfo.filename) {\n   let inputSource = this._contentsMap[fileInfo.filename];\n\n   // remove vars/banner added to the top of the file\n   if (this._contentsIgnoredCharsMap[fileInfo.filename]) {\n   // adjust the index\n   index -= this._contentsIgnoredCharsMap[fileInfo.filename];\n   if (index < 0) { index = 0; }\n   // adjust the source\n   inputSource = inputSource.slice(this._contentsIgnoredCharsMap[fileInfo.filename]);\n   }\n\n   /** \n   * ignore empty content, or failsafe\n   * if contents map is incorrect\n   */\n   if (inputSource === undefined) {\n   this._css.push(chunk);\n   return;\n   }\n\n   inputSource = inputSource.substring(0, index);\n   sourceLines = inputSource.split('\\n');\n   sourceColumns = sourceLines[sourceLines.length - 1];\n   }\n\n   lines = chunk.split('\\n');\n   columns = lines[lines.length - 1];\n\n   if (fileInfo && fileInfo.filename) {\n   if (!mapLines) {\n   this._sourceMapGenerator.addMapping({ generated: { line: this._lineNumber + 1, column: this._column},\n   original: { line: sourceLines.length, column: sourceColumns.length},\n   source: this.normalizeFilename(fileInfo.filename)});\n   } else {\n   for (i = 0; i < lines.length; i++) {\n   this._sourceMapGenerator.addMapping({ generated: { line: this._lineNumber + i + 1, column: i === 0 ? this._column : 0},\n   original: { line: sourceLines.length + i, column: i === 0 ? sourceColumns.length

: 0},\n   source: this.normalizeFilename(fileInfo.filename)});\n   }\n   }\n   }\n\n   if (lines.length === 1) {\n   this._column += columns.length;\n   } else {\n   this._lineNumber += lines.length - 1;\n   this._column = columns.length;\n   }\n\n   this._css.push(chunk);\n   }\n\n   isEmpty() {\n   return this._css.length === 0;\n   }\n\n   toCSS(context) {\n   this._sourceMapGenerator = new this._sourceMapGeneratorConstructor({ file: this._outputFilename, sourceRoot: null });\n\n   if (this._outputSourceFiles) {\n   for (const filename in this._contentsMap) {\n   if (this._contentsMap.hasOwnProperty(filename)) {\n   let source = this._contentsMap[filename];\n   if (this._contentsIgnoredCharsMap[filename]) {\n   source = source.slice(this._contentsIgnoredCharsMap[filename]);\n   }\n   this._sourceMapGenerator.setSourceContent(this.normalizeFilename(filename), source);\n   }\n   }\n   }\n\n   this._rootNode.genCSS(context, this);\n   if (this._css.length > 0) {\n   let sourceMapURL;\n   const sourceMapContent = JSON.stringify(this._sourceMapGenerator.toJSON());\n\n   if (this.sourceMapURL) {\n   sourceMapURL = this.sourceMapURL;\n   } else if (this._sourceMapFilename) {\n   sourceMapURL = this._sourceMapFilename;\n   }\n   this.sourceMapURL = sourceMapURL;\n\n   this.sourceMap = sourceMapContent;\n   }\n\n   return this._css.join('');\n   }\n   }\n\n   return SourceMapOutput;\n};\n","import contexts from './contexts';\nimport Parser from './parser/parser';\nimport LessError from './less-error';\nimport * as utils from './utils';\nimport logger from './logger';\n\nexport default function(environment) {\n   // FileInfo = {\n   // 'rewriteUrls' - option - whether to adjust URL's to be relative\n   // 'filename' - full resolved filename of current file\n   // 'rootpath' - path to append to normal URLs for this node\n   // 'currentDirectory' - path to the current file, absolute\n   // 'rootFilename' - filename of the base file\n   // 'entryPath' - absolute path to the entry file\n   // 'reference' - whether the file should not be output and only output parts that are referenced\n\n   class ImportManager {\n   constructor(less, context, rootFileInfo) {\n   this.less = less;\n   this.rootFilename = rootFileInfo.filename;\n   this.paths = context.paths || []; // Search paths, when importing\n   this.contents = {};   // map - filename to contents of all the files\n   this.contentsIgnoredChars = {}; // map - filename to lines at the beginning of each file to ignore\n   this.mime = context.mime;\n   this.error = null;\n   this.context = context;\n   // Deprecated? Unused outside of here, could be useful.\n   this.queue = [];   // Files which haven't been imported yet\n   this.files = {};   // Holds the imported parse trees.\n   }\n\n   /**\n   * Add an import to be imported\n   * @param path - the raw path\n   * @param tryAppendExtension - whether to try appending a file extension

(.less or .js if the path has no extension)\n   * @param currentFileInfo - the current file info (used for instance to work out relative paths)\n   * @param importOptions - import options\n   * @param callback - callback for when it is imported\n   */\n   push(path, tryAppendExtension, currentFileInfo, importOptions, callback) {\n

    const importManager = this, pluginLoader = this.context.pluginManager.Loader;\n\n   this.queue.push(path);\n\n   const fileParsedFunc = function (e, root, fullPath) {\n   importManager.queue.splice(importManager.queue.indexOf(path), 1); // Remove the path from the queue\n\n   const importedEqualsRoot = fullPath === importManager.rootFilename;\n   if (importOptions.optional && e) {\n   callback(null, {rules:[]}, false, null);\n   logger.info(`The file ${fullPath} was skipped because it was not found and the import was marked optional.`);\n   }\n   else {\n   // Inline imports aren't cached here.\n   // If we start to cache them, please make sure they won't conflict with non-inline imports of the\n   // same name as they used to do before this comment and the condition below have been added.\n   if (!importManager.files[fullPath] && !importOptions.inline) {\n   importManager.files[fullPath] = { root, options: importOptions };\n   }\n   if (e && !importManager.error) { importManager.error = e; }\n   callback(e, root, importedEqualsRoot, fullPath);\n   }\n   };\n\n   const newFileInfo = {\n   rewriteUrls: this.context.rewriteUrls,\n   entryPath: currentFileInfo.entryPath,\n   rootpath: currentFileInfo.rootpath,\n   rootFilename: currentFileInfo.rootFilename\n   };\n\n   const fileManager = environment.getFileManager(path, currentFileInfo.currentDirectory, this.context, environment);\n\n   if (!fileManager) {\n   fileParsedFunc({ message: `Could not find a file-manager for ${path}` });\n   return;\n   }\n\n   const loadFileCallback = function(loadedFile) {\n   let plugin;\n   const resolvedFilename = loadedFile.filename;\n   const contents = loadedFile.contents.replace(/^\\uFEFF/, '');\n\n   // Pass on an updated rootpath if path of imported file is relative and file\n   // is in a (sub|sup) directory\n   //\n   // Examples:\n   // - If path of imported file is 'module/nav/nav.less' and rootpath is 'less/',\n   //   then rootpath should become 'less/module/nav/'\n   // - If path of imported file is '../mixins.less' and rootpath is 'less/',\n   //   then rootpath should become 'less/../'\n   newFileInfo.currentDirectory = fileManager.getPath(resolvedFilename);\n   if (newFileInfo.rewriteUrls) {\n   newFileInfo.rootpath = fileManager.join(\n   (importManager.context.rootpath || ''),\n   fileManager.pathDiff(newFileInfo.currentDirectory, newFileInfo.entryPath));\n\n   if (!fileManager.isPathAbsolute(newFileInfo.rootpath) && fileManager.alwaysMakePathsAbsolute()) {\n   newFileInfo.rootpath = fileManager.join(newFileInfo.entryPath, newFileInfo.rootpath);\n   }\n   }\n   newFileInfo.filename = resolvedFilename;\n\n   const newEnv = new contexts.Parse(importManager.context);\n   newEnv.processImports = false;\n   importManager.contents[resolvedFilename] = contents;\n\n   if (currentFileInfo.reference || importOptions.reference) {\n   newFileInfo.reference = true;\n   }\n\n   if (importOptions.isPlugin) {\n   plugin = pluginLoader.evalPlugin(contents, newEnv, importManager, importOptions.pluginArgs, newFileInfo);\n   if (plugin instanceof LessError) {\n   fileParsedFunc(plugin, null, resolvedFilename);\n   }\n   else {\n   fileParsedFunc(null, plugin, resolvedFilename);\n   }\n   } else if (importOptions.inline) {\n   fileParsedFunc(null, contents, resolvedFilename);\n   } else {\n   // import (multiple) parse trees apparently get altered and can't be cached.\n   // TODO: investigate why this is\n   if (importManager.files[resolvedFilename]\n   && !importManager.files[resolvedFilename].options.multiple\n   && !importOptions.multiple) {\n\n   fileParsedFunc(null, importManager.files[resolvedFilename].root, resolvedFilename);\n   }\n   else {\n   new Parser(newEnv, importManager, newFileInfo).parse(contents, function (e, root) {\n

fileParsedFunc(e, root, resolvedFilename);\n

});\n   }\n   }\n   };\n   let loadedFile;\n   let promise;\n
const context = utils.clone(this.context);\n\n   if (tryAppendExtension) {\n   context.ext =
importOptions.isPlugin ? '.js' : '.less';\n   }\n\n   if (importOptions.isPlugin) {\n   context.mime =
'application/javascript';\n   if (context.syncImport) {\n   loadedFile =
pluginLoader.loadPluginSync(path, currentFileInfo.currentDirectory, context, environment, fileManager);\n
} else {\n   promise = pluginLoader.loadPlugin(path, currentFileInfo.currentDirectory, context,
environment, fileManager);\n   }\n   }   else {\n   if (context.syncImport) {\n
loadedFile = fileManager.loadFileSync(path, currentFileInfo.currentDirectory, context, environment);\n
        } else {\n   promise = fileManager.loadFile(path, currentFileInfo.currentDirectory, context,
environment,\n   (err, loadedFile) => {\n   if (err) {\n
fileParsedFunc(err);\n   } else {\n   loadFileCallback(loadedFile);\n
}\n   });\n   }\n   }   if (loadedFile) {\n   if (!loadedFile.filename) {\n
fileParsedFunc(loadedFile);\n   } else {\n   loadFileCallback(loadedFile);\n   }\n
} else if (promise) {\n   promise.then(loadFileCallback, fileParsedFunc);\n   }\n   }\n   }\n\n
return ImportManager;\n};\n","import * as utils from './utils';\n\nexport default function(environment, ParseTree,
ImportManager) {\n   const render = function

(input, options, callback) {\n   if (typeof options === 'function') {\n   callback = options;\n   options =
utils.copyOptions(this.options, {});\n   }\n   else {\n   options = utils.copyOptions(this.options, options ||
{});\n   }\n\n   if (!callback) {\n   const self = this;\n   return new Promise(function (resolve, reject)
{\n   render.call(self, input, options, function(err, output) {\n   if (err) {\n
reject(err);\n   } else {\n   resolve(output);\n   }\n   });\n   });\n   }
else {\n   this.parse(input, options, function(err, root, imports, options) {\n   if (err) { return
callback(err); }\n\n   let result;\n   try {\n   const parseTree = new ParseTree(root,
imports);\n   result = parseTree.toCSS(options);\n
}\n   catch (err) { return callback(err); }\n\n   callback(null, result);\n   });\n   }\n
};\n\n   return render;\n};\n","import contexts from './contexts';\nimport Parser from './parser/parser';\nimport
PluginManager from './plugin-manager';\nimport LessError from './less-error';\nimport * as utils from
'./utils';\n\nexport default function(environment, ParseTree, ImportManager) {\n   const parse = function (input,
options, callback) {\n\n   if (typeof options === 'function') {\n   callback = options;\n   options =
utils.copyOptions(this.options, {});\n   }\n   else {\n   options = utils.copyOptions(this.options, options ||
{});\n   }\n\n   if (!callback) {\n   const self = this;\n   return new Promise(function (resolve, reject)
{\n   parse.call(self, input, options, function(err, output) {\n   if (err) {\n
reject(err);\n   } else {\n   resolve(output);\n   }\n   });\n
});\n   } else {\n   let context;\n   let rootFileInfo;\n   const pluginManager = new
PluginManager(this, !options.reUsePluginManager);\n\n   options.pluginManager = pluginManager;\n\n
context = new contexts.Parse(options);\n\n   if (options.rootFileInfo) {\n   rootFileInfo =
options.rootFileInfo;\n   } else {\n   const filename = options.filename || 'input';\n   const
entryPath = filename.replace(/[^\\/\\\\]*$/, '');\n   rootFileInfo = {\n   filename,\n
rewriteUrls: context.rewriteUrls,\n   rootpath: context.rootpath || '',\n   currentDirectory:
entryPath,\n   entryPath,\n   rootFilename: filename\n
};\n   // add in a missing trailing slash\n   if (rootFileInfo.rootpath &&
rootFileInfo.rootpath.slice(-1) !== '/') {\n   rootFileInfo.rootpath += '/';\n   }\n   }\n\n
const imports = new ImportManager(this, context, rootFileInfo);\n   this.importManager = imports;\n\n
// TODO: allow the plugins to be just a list of paths or names\n   // Do an async plugin queue like lessc\n\n
if (options.plugins) {\n   options.plugins.forEach(function(plugin) {\n   let evalResult,
contents;\n   if (plugin.fileContent) {\n   contents = plugin.fileContent.replace(/^\\uFEFF/,
'');\n   evalResult = pluginManager.Loader.evalPlugin(contents, context, imports, plugin.options,

plugin.filename);\n   if (evalResult instanceof LessError) {\n   return callback(evalResult);\n

                    }\n   }\n   else {\n   pluginManager.addPlugin(plugin);\n   }\n   });\n   }\n\n   new Parser(context, imports, rootFileInfo)\n   .parse(input, function (e, root) {\n   if (e) { return callback(e); }\n   callback(null, root, imports, options);\n   }, options);\n   }\n   };\n   return parse;\n};\n","// TODO: Add tests for browser @plugin\n/* global window */\n\nimport AbstractPluginLoader from '../less/environment/abstract-plugin-loader.js';\n\n/**\n * Browser Plugin Loader\n */\nconst PluginLoader = function(less) {\n   this.less = less;\n   // Should we shim this.require for browser? Probably not?\n};\n\nPluginLoader.prototype = Object.assign(new AbstractPluginLoader(), {\n   loadPlugin(filename, basePath, context, environment, fileManager) {\n   return new Promise((fulfill, reject) => {\n   fileManager.loadFile(filename, basePath, context, environment)\n   .then(fulfill).catch(reject);\n   });\n   }\n});\n\nexport default PluginLoader;\n\n","import * as utils from './utils';\nimport browser from './browser';\n\nexport default (window, less, options) => {\n   function errorHTML(e, rootHref) {\n   const id = `less-error-message:${utils.extractId(rootHref || '')}`;\n   const template = ' <label>{line}</label><pre class=\"{class}\">{content}</pre> ';\n   const elem = window.document.createElement('div');\n   let timer;\n   let content;\n   const errors = [];\n   const filename = e.filename || rootHref;\n   const filenameNoPath = filename.match(/([^\\/]+(\\?.*)?)$/)[1];\n\n   elem.id   = id;\n   elem.className = 'less-error-message';\n\n   content = `<h3>${e.type || 'Syntax'}Error: ${e.message || 'There is an error in your .less file'}` + \n   `</h3><p>in <a href=\"${filename}\">${filenameNoPath}</a> `;\n\n   const errorline = (e, i, classname) => {\n   if (e.extract[i] !== undefined) {\n   errors.push(template.replace(/\\{line\\}/, (parseInt(e.line, 10) || 0) + (i - 1))\n   .replace(/\\{class\\}/, classname)\n   .replace(/\\{content\\}/, e.extract[i]));\n   }\n   };\n\n   if (e.line) {\n   errorline(e, 0, '');\n   errorline(e, 1, 'line');\n   errorline(e, 2, '');\n   content += `on line ${e.line}, column ${e.column + 1}:</p><ul>${errors.join('')}</ul>`;\n   }\n   if (e.stack && (e.extract || options.logLevel >= 4)) {\n   content += `<br/>Stack Trace</br />${e.stack.split('\\n').slice(1).join('<br/>')}`;\n   }\n   elem.innerHTML = content;\n\n   // CSS for error messages\n   browser.createCSS(window.document, [\n   '.less-error-message ul, .less-error-message li {',

            'list-style-type: none;',\n   'margin-right: 15px;',\n   'padding: 4px 0;',\n   'margin: 0;',\n   '}',\n   '.less-error-message label {',\n   'font-size: 12px;',\n   'margin-right: 15px;',\n   'padding: 4px 0;',\n   'color: #cc7777;',\n   '}',\n   '.less-error-message pre {',\n   'color: #dd6666;',\n   'padding: 4px 0;',\n   'margin: 0;',\n   'display: inline-block;',\n   '}',\n   '.less-error-message pre.line {',\n   'color: #ff0000;',\n   '}',\n   '.less-error-message h3 {',\n   'font-size: 20px;',\n   'font-weight: bold;',\n   'padding: 15px 0 5px 0;',\n   'margin: 0;',\n   '}',\n   '.less-error-message a {',\n   'color: #10a',\n   '}',\n   '.less-error-message .error {',\n   'color: red;',\n   'font-weight: bold;',\n   'padding-bottom: 2px;',\n   'border-bottom: 1px dashed red;',\n   '}'\n   ].join('\\n'), { title: 'error-message' });\n\n   elem.style.cssText = [\n   'font-family: Arial, sans-serif',\n   'border: 1px solid #e00',\n   'background-color: #eee',\n   'border-radius: 5px',\n   '-webkit-border-radius: 5px',\n   '-moz-border-radius: 5px',\n   'color: #e00',\n   'padding: 15px',\n   'margin-bottom: 15px'\n   ].join(';');\n   if (options.env === 'development') {\n   timer = setInterval(() => {\n   const document = window.document;\n   const body = document.body;\n   if (body) {\n   if (document.getElementById(id)) {\n   body.replaceChild(elem, document.getElementById(id));\n   } else {\n   body.insertBefore(elem, body.firstChild);\n

                    }\n   clearInterval(timer);\n   }\n   }, 10);\n   }\n   }\n\n   function removeErrorHTML(path) {\n   const node = window.document.getElementById(`less-error-message:${utils.extractId(path)}`);\n   if (node) {\n   node.parentNode.removeChild(node);\n   }\n   }\n\n   function removeErrorConsole(path) {\n   // no action\n   }\n\n   function removeError(path) {\n   if

(!options.errorReporting || options.errorReporting === 'html') {\n   removeErrorHTML(path);\n   } else if (options.errorReporting === 'console') {\n   removeErrorConsole(path);\n   } else if (typeof options.errorReporting === 'function') {\n   options.errorReporting('remove', path);\n   }\n   }\n\n   function errorConsole(e, rootHref) {\n   const template = '{line} {content}';\n   const filename = e.filename || rootHref;\n   const errors = [];\n   let content = `${e.type || 'Syntax'}Error: ${e.message || 'There is an error in your .less file'} in ${filename}`;\n\n   const errorline = (e, i, classname) => {\n   if (e.extract[i] !== undefined) {\n   errors.push(template.replace(/\\{line\\}/, (parseInt(e.line, 10) || 0) + (i - 1))\n   .replace(/\\{class\\}/, classname)\n   .replace(/\\{content\\}/, e.extract[i]));\n   }\n   };\n\n   if (e.line) {\n   errorline(e, 0, '');\n   errorline(e, 1, 'line');\n   errorline(e, 2, '');\n   content += ` on line ${e.line}, column ${e.column + 1}:\\n${errors.join('\\n')}`;\n   }\n   if (e.stack && (e.extract || options.logLevel >= 4)) {\n   content += `\\nStack Trace\\n${e.stack}`;\n   }\n   less.logger.error(content);\n   }\n\n   function error(e, rootHref) {\n   if (!options.errorReporting || options.errorReporting === 'html') {\n   errorHTML(e, rootHref);\n   } else if (options.errorReporting === 'console') {\n   errorConsole(e, rootHref);\n   } else if (typeof options.errorReporting === 'function') {\n   options.errorReporting('add', e, rootHref);\n   }\n   }\n\n   return {\n   add: error,\n   remove: removeError\n   };\n};\n","/**\n * Kicks off less and compiles any stylesheets\n * used in the browser distributed version of less\n * to kick-start less using the browser api\n */\n/* global window, document */\n\nimport defaultOptions from '../less/default-options';\nimport addDefaultOptions from './add-default-options';\nimport root from './index';\n\nconst options = defaultOptions();\nif (window.less) {\n   for (const key in window.less) {\n   if (window.less.hasOwnProperty(key)) {\n   options[key] = window.less[key];\n   }\n   }\n}\naddDefaultOptions(window, options);\noptions.plugins = options.plugins || [];\nif (window.LESS_PLUGINS) {\n   options.plugins = options.plugins.concat(window.LESS_PLUGINS);\n}\n\nconst less = root(window, options);\nexport default less;\n\nwindow.less = less;\n\nlet css;\nlet head;\nlet style;\n\n// Always restore page visibility\nfunction resolveOrReject(data) {\n   if (data.filename) {\n   console.warn(data);\n   }\n   if (!options.async) {\n   head.removeChild(style);\n   }\n}\n\nif (options.onReady) {\n   if (/!watch/.test(window.location.hash)) {\n   less.watch();\n   }\n   // Simulate synchronous stylesheet loading by hiding page rendering\n   if (!options.async) {\n   css = 'body { display: none !important }';\n   head = document.head || document.getElementsByTagName('head')[0];\n   style = document.createElement('style');\n\n   style.type = 'text/css';\n   if (style.styleSheet) {\n   style.styleSheet.cssText = css;\n   } else {\n   style.appendChild(document.createTextNode(css));\n   }\n\n   head.appendChild(style);\n   }\n   less.registerStylesheetsImmediately();\n   less.pageLoadFinished = less.refresh(less.env === 'development').then(resolveOrReject, resolveOrReject);\n}\n","// Export a new default each time\nexport default function() {\n   return {\n   /* Inline Javascript - @plugin still allowed */\n   javascriptEnabled: false,\n\n   /* Outputs a makefile import dependency list to stdout. */\n   depends: false,\n\n   /* (DEPRECATED) Compress using less built-in compression. \n   * This does an okay job but does not utilise all the tricks of \n   * dedicated css compression. */\n   compress: false,\n\n   /* Runs the less parser and just reports errors without any output. */\n   lint: false,\n\n   /* Sets available include paths.\n   * If the file in an @import rule does not exist at that exact location, \n   * less will look for it at the location(s) passed to this option. \n   * You might use this for instance to specify a path to a library which \n   * you want to be referenced simply and relatively in the less files. */\n   paths: [],\n\n   /* color output in the terminal */\n   color: true,\n\n   /* The strictImports controls whether the compiler will allow an @import inside of either \n   * @media blocks or (a later addition) other selector blocks.\n   * See: https://github.com/less/less.js/issues/656 */\n   strictImports: false,\n\n   /* Allow Imports from Insecure HTTPS Hosts */\n   insecure: false,\n\n   /* Allows you to add a path to every generated import and url in your css. \n   * This does not affect less import statements that are processed, just ones \n   * that are left in the output css. */\n   rootpath: '',\n\n   /* By default URLs are kept as-is, so if you import a file in a sub-directory \n   * that references an image, exactly the same URL will be output in the css. \n

* This option
allows you to re-write URL's in imported files so that the \n   * URL is always relative to the base imported file
/\n   rewriteUrls: false,\n\n   / How to process math \n   *   0 always   - eagerly try to solve all
operations\n   *   1 parens-division - require parens for division \"/\"\n   *   2 parens | strict - require parens
for all operations\n   *   3 strict-legacy   - legacy strict behavior (super-strict)\n   */\n   math: 1,\n\n   /*
Without this option, less attempts to guess at the output unit when it does maths. */\n   strictUnits: false,\n\n
/* Effectively the declaration is put at the top of your base Less file, \n   * meaning it can be used but it also can
be overridden if this variable \n   * is defined in the file. */\n   globalVars: null,\n\n   /* As opposed to the
global variable option, this puts the declaration at the\n   * end of your base file, meaning
it will override anything defined in your Less file. */\n   modifyVars: null,\n\n   /* This option allows you to
specify a argument to go on to every URL. */\n   urlArgs: "\n   }\n};","import {addDataAttr} from
'./utils';\nimport browser from './browser';\nexport default (window, options) => {\n\n   // use options from the
current script tag data attributes\n   addDataAttr(options, browser.currentScript(window));\n\n   if
(options.isFileProtocol === undefined) {\n   options.isFileProtocol = /^(file|(chrome|safari)(-
extension)?|resource|qrc|app):/.test(window.location.protocol);\n   }\n\n   // Load styles asynchronously (default:
false)\n   //\n   // This is set to `false` by default, so that the body\n   // doesn't start loading before the stylesheets
are parsed.\n   // Setting this to `true` can result in flickering.\n   //\n   options.async = options.async || false;\n
options.fileAsync = options.fileAsync || false;\n\n   // Interval between watch
polls\n   options.poll = options.poll || (options.isFileProtocol ? 1000 : 1500);\n\n   options.env = options.env ||
(window.location.hostname == '127.0.0.1' ||\n   window.location.hostname == '0.0.0.0' ||\n
window.location.hostname == 'localhost' ||\n   (window.location.port &&\n   window.location.port.length >
0) ||\n   options.isFileProtocol   ? 'development'\n   : 'production');\n\n   const dumpLineNumbers
= /!dumpLineNumbers:(comments|mediaquery|all)/.exec(window.location.hash);\n   if (dumpLineNumbers) {\n
options.dumpLineNumbers = dumpLineNumbers[1];\n   }\n\n   if (options.useFileCache === undefined) {\n
options.useFileCache = true;\n   }\n\n   if (options.onReady === undefined) {\n   options.onReady = true;\n
}\n\n   if (options.relativeUrls) {\n   options.rewriteUrls = 'all';\n   }\n};\n","//\n// index.js\n// Should expose the
additional browser functions on to the less object\n//\nimport
{addDataAttr} from './utils';\nimport lessRoot from '../less';\nimport browser from './browser';\nimport FM from
'./file-manager';\nimport PluginLoader from './plugin-loader';\nimport LogListener from './log-listener';\nimport
ErrorReporting from './error-reporting';\nimport Cache from './cache';\nimport ImageSize from './image-
size';\n\nexport default (window, options) => {\n   const document = window.document;\n   const less =
lessRoot();\n\n   less.options = options;\n   const environment = less.environment;\n   const FileManager =
FM(options, less.logger);\n   const fileManager = new FileManager();\n
environment.addFileManager(fileManager);\n   less.FileManager = FileManager;\n   less.PluginLoader =
PluginLoader;\n\n   LogListener(less, options);\n   const errors = ErrorReporting(window, less, options);\n   const
cache = less.cache = options.cache || Cache(window, options, less.logger);\n   ImageSize(less.environment);\n\n   //
Setup user functions - Deprecate?\n
    if (options.functions) {\n   less.functions.functionRegistry.addMultiple(options.functions);\n   }\n\n   const
typePattern = /^text\/(x-)?less$/;\n\n   function clone(obj) {\n   const cloned = {};\n   for (const prop in obj)
{\n   if (obj.hasOwnProperty(prop)) {\n   cloned[prop] = obj[prop];\n   }\n   }\n   return
cloned;\n   }\n\n   // only really needed for phantom\n   function bind(func, thisArg) {\n   const curryArgs =
Array.prototype.slice.call(arguments, 2);\n   return function() {\n   const args =
curryArgs.concat(Array.prototype.slice.call(arguments, 0));\n   return func.apply(thisArg, args);\n   };\n
}\n\n   function loadStyles(modifyVars) {\n   const styles = document.getElementsByTagName('style');\n   let
style;\n\n   for (let i = 0; i < styles.length; i++) {\n   style = styles[i];\n   if
(style.type.match(typePattern)) {\n
                const instanceOptions = clone(options);\n   instanceOptions.modifyVars = modifyVars;\n
const lessText = style.innerHTML || '';\n   instanceOptions.filename = document.location.href.replace(/#.*$/,

```
");\n\n                /* jshint loopfunc:true */\n                // use closure to store current style\n
less.render(lessText, instanceOptions,\n                bind((style, e, result) => {\n                if (e) {\n
errors.add(e, 'inline');\n                } else {\n                style.type = 'text/css';\n                if
(style.styleSheet) {\n                style.styleSheet.cssText = result.css;\n                } else {\n
style.innerHTML = result.css;\n                }\n                }\n                }, null, style));\n
}\n        }\n    }\n\n    function
loadStyleSheet(sheet, callback, reload, remaining, modifyVars) {\n\n        const instanceOptions = clone(options);\n
addDataAttr(instanceOptions, sheet);\n        instanceOptions.mime = sheet.type;\n        if (modifyVars) {\n
instanceOptions.modifyVars = modifyVars;\n        }\n\n        function loadInitialFileCallback(loadedFile) {\n
const data = loadedFile.contents;\n        const path = loadedFile.filename;\n        const webInfo =
loadedFile.webInfo;\n\n        const newFileInfo = {\n                currentDirectory: fileManager.getPath(path),\n
filename: path,\n                rootFilename: path,\n                rewriteUrls: instanceOptions.rewriteUrls\n
};\n\n        newFileInfo.entryPath = newFileInfo.currentDirectory;\n        newFileInfo.rootpath =
instanceOptions.rootpath || newFileInfo.currentDirectory;\n\n        if (webInfo) {\n                webInfo.remaining =
remaining;\n\n
        const css = cache.getCSS(path, webInfo, instanceOptions.modifyVars);\n                if (!reload && css) {\n
webInfo.local = true;\n                callback(null, css, data, sheet, webInfo, path);\n                return;\n
}\n\n            }\n\n        // TODO add tests around how this behaves when reloading\n
errors.remove(path);\n\n        instanceOptions.rootFileInfo = newFileInfo;\n        less.render(data,
instanceOptions, (e, result) => {\n                if (e) {\n                e.href = path;\n                callback(e);\n
} else {\n                cache.setCSS(sheet.href, webInfo.lastModified, instanceOptions.modifyVars, result.css);\n
callback(null, result.css, data, sheet, webInfo, path);\n                }\n            });\n        }\n\n
fileManager.loadFile(sheet.href, null, instanceOptions, environment)\n                .then(loadedFile => {\n
loadInitialFileCallback(loadedFile);\n                }).catch(err => {\n                console.log(err);\n
callback(err);\n            });\n\n    }\n\n    function loadStyleSheets(callback, reload, modifyVars) {\n        for (let i = 0;
i < less.sheets.length; i++) {\n                loadStyleSheet(less.sheets[i], callback, reload, less.sheets.length - (i + 1),
modifyVars);\n        }\n    }\n\n    function initRunningMode() {\n        if (less.env === 'development') {\n
less.watchTimer = setInterval(() => {\n                if (less.watchMode) {\n
fileManager.clearFileCache();\n                loadStyleSheets((e, css, _, sheet, webInfo) => {\n                if (e)
{\n                errors.add(e, e.href || sheet.href);\n                } else if (css) {\n
browser.createCSS(window.document, css, sheet);\n                }\n                });\n                }\n
}, options.poll);\n        }\n    }\n\n    //\n    // Watch mode\n    //\n    less.watch  = function () {\n        if
(!less.watchMode ) {\n                less.env = 'development';\n                initRunningMode();\n        }\n        this.watchMode
= true;\n        return true;\n    };\n    less.unwatch = function () {clearInterval(less.watchTimer); this.watchMode =
false; return false; };\n\n    //\n    // Synchronously get all <link> tags with the 'rel' attribute set to\n    //
\"stylesheet/less\".\n    //\n    less.registerStylesheetsImmediately = () => {\n        const links =
document.getElementsByTagName('link');\n        less.sheets = [];\n\n        for (let i = 0; i < links.length; i++) {\n
if (links[i].rel === 'stylesheet/less' || (links[i].rel.match(/stylesheet/) &&\n
(links[i].type.match(typePattern)))) {\n                less.sheets.push(links[i]);\n                }\n        }\n    };\n\n    //\n    //
Asynchronously get all <link> tags with
the 'rel' attribute set to\n    // \"stylesheet/less\", returning a Promise.\n    //\n    less.registerStylesheets = () => new
Promise((resolve, reject) => {\n        less.registerStylesheetsImmediately();\n        resolve();\n    });\n\n    //\n    //
With this function, it's possible to alter variables and re-render\n    // CSS without reloading less-files\n    //\n
less.modifyVars = record => less.refresh(true, record, false);\n    less.refresh = (reload, modifyVars,
clearFileCache) => {\n        if ((reload || clearFileCache) && clearFileCache !== false) {\n
fileManager.clearFileCache();\n        }\n        return new Promise((resolve, reject) => {\n                let startTime;\n
let endTime;\n        let totalMilliseconds;\n        let remainingSheets;\n        startTime = endTime = new
Date();\n\n        // Set counter for remaining unprocessed sheets\n        remainingSheets = less.sheets.length;\n\n
```

if (remainingSheets ===

0) {\n\n   endTime = new Date();\n   totalMilliseconds = endTime - startTime;\n less.logger.info('Less has finished and no sheets were loaded.');\n   resolve({\n   startTime,\n   endTime,\n   totalMilliseconds,\n   sheets: less.sheets.length\n   });\n\n   } else {\n   // Relies on less.sheets array, callback seems to be guaranteed to be called for every element of the array\n   loadStyleSheets((e, css, _, sheet, webInfo) => {\n   if (e) {\n   errors.add(e, e.href || sheet.href);\n   reject(e);\n   return;\n   }\n   if (webInfo.local) {\n   less.logger.info(`Loading ${sheet.href} from cache.`);\n   } else {\n less.logger.info(`Rendered ${sheet.href}

successfully.`);\n                }\n                browser.createCSS(window.document, css, sheet);\n less.logger.info(`CSS for ${sheet.href} generated in ${new Date() - endTime}ms`);\n\n   // Count completed sheet\n   remainingSheets--;\n\n   // Check if the last remaining sheet was processed and then call the promise\n   if (remainingSheets === 0) {\n   totalMilliseconds = new Date() - startTime;\n   less.logger.info(`Less has finished. CSS generated in ${totalMilliseconds}ms`);\n   resolve({\n   startTime,\n   endTime,\n   totalMilliseconds,\n   sheets: less.sheets.length\n   });\n   }\n   endTime = new Date();\n   }, reload, modifyVars);\n   }\n\n   loadStyles(modifyVars);\n   });\n   };\n\n less.refreshStyles = loadStyles;\n   return less;\n};\n","export default (less, options) => {\n   const logLevel_debug = 4;\n   const logLevel_info = 3;\n   const logLevel_warn = 2;\n   const logLevel_error = 1;\n\n   // The amount of logging in the javascript console.\n   // 3 - Debug, information and errors\n   // 2 - Information and errors\n   // 1 - Errors\n   // 0 - None\n   // Defaults to 2\n   options.logLevel = typeof options.logLevel !== 'undefined' ? options.logLevel : (options.env === 'development' ? logLevel_info : logLevel_error);\n\n   if (!options.loggers) {\n   options.loggers = [{\n   debug: function(msg) {\n   if (options.logLevel >= logLevel_debug) {\n   console.log(msg);\n }\n   },\n   info: function(msg) {\n   if (options.logLevel >= logLevel_info) {\n console.log(msg);\n

        }\n   },\n   warn: function(msg) {\n   if (options.logLevel >= logLevel_warn) {\n console.warn(msg);\n   }\n   },\n   error: function(msg) {\n   if (options.logLevel >= logLevel_error) {\n   console.error(msg);\n   }\n   }];\n   }\n   for (let i = 0; i < options.loggers.length; i++) {\n   less.logger.addListener(options.loggers[i]);\n   }\n};\n","// Cache system is a bit outdated and could do with work\n\nexport default (window, options, logger) => {\n   let cache = null;\n   if (options.env !== 'development') {\n   try {\n   cache = (typeof window.localStorage === 'undefined') ? null : window.localStorage;\n   } catch (_) {}\n   }\n   return {\n   setCSS: function(path, lastModified, modifyVars, styles) {\n   if (cache) {\n   logger.info(`saving ${path} to cache.`);\n try {\n   cache.setItem(path, styles);\n   cache.setItem(`${path}:timestamp`, lastModified);\n   if (modifyVars) {\n   cache.setItem(`${path}:vars`, JSON.stringify(modifyVars));\n }\n   } catch (e) {\n   // TODO - could do with adding more robust error handling\n logger.error(`failed to save \"${path}\" to local storage for caching.`);\n   }\n   }\n   },\n getCSS: function(path, webInfo, modifyVars) {\n   const css   = cache && cache.getItem(path);\n const timestamp = cache && cache.getItem(`${path}:timestamp`);\n   let vars   = cache && cache.getItem(`${path}:vars`);\n\n   modifyVars = modifyVars || {};\n   vars = vars || \"{}\"; // if not set, treat as the JSON representation of an empty object\n\n   if (timestamp && webInfo.lastModified &&\n   (new Date(webInfo.lastModified).valueOf() ===\n   new Date(timestamp).valueOf()) &&\n JSON.stringify(modifyVars) === vars) {\n   // Use local copy\n   return css;\n   }\n   }\n   };\n};\n","\nimport functionRegistry from './../less/functions/function-registry';\n\nexport default () => {\n   function imageSize() {\n   throw {\n   type: 'Runtime',\n   message: 'Image size functions are not supported in browser version of less'\n   };\n   }\n\n   const imageFunctions = {\n   'image-size': function(filePathNode) {\n   imageSize(this, filePathNode);\n   return -1;\n   },\n   'image-width': function(filePathNode)

{\n   imageSize(this, filePathNode);\n   return -1;\n   },\n   'image-height': function(filePathNode)
{\n   imageSize(this, filePathNode);\n   return -1;\n   }\n   };\n\n
functionRegistry.addMultiple(imageFunctions);\n};\n"]],"names":["extractId","href","replace","addDataAttr","option
s","tag","opt","dataset","hasOwnProperty","JSON","parse","_","document","styles","sheet","id","title","utils.extract
Id","oldStyleNode","getElementById","keepOldStyleNode","styleNode","createElement","setAttribute","media","st
yleSheet","appendChild","createTextNode","childNodes","length","firstChild","nodeValue","head","getElementsBy
TagName","nextEl","nextSibling","parentNode","insertBefore","removeChild","cssText","e","Error","window","scr
ipts","currentScript","error","msg","this","_fireEvent","warn","info","debug","addListener","listener","_listeners","p
ush","removeListener","i","splice","type","logFunction","externalEnvironment","fileManagers","requiredFunctions"
,"functions","concat","propName","environmentFunc","bind","Environment","filename","currentDirectory","enviro
nment","isSync","logger","pluginManager","getFileManagers","fileManager","aliceblue","antiquewhite","aqua","aq
uamarine","azure","beige","bisque","black","blanchedalmond","blue","blueviolet","brown","burlywood","cadetblue
","chartreuse","chocolate","coral","cornflowerblue","cornsilk","crimson","cyan","darkblue","darkcyan","darkgolden
rod","darkgray","darkgrey","darkgreen","darkkhaki","darkmagenta","darkolivegreen","darkorange","darkorchid","d
arkred","darksalmon","darkseagreen","darkslateblue","darkslategray","darkslategrey","darkturquoise","darkviolet","
deeppink","deepskyblue","dimgray","dimgrey","dodgerblue","firebrick","floralwhite","forestgreen","fuchsia","gains
boro","ghostwhite","gold","goldenrod","gray","grey","green","greenyellow","honeydew","hotpink","indianred","ind
igo","ivory","khaki","lavender","lavenderblush","lawngreen","lemonchiffon","lightblue","lightcoral","lightcyan","li
ghtgoldenrodyellow","lightgray","lightgrey","lightgreen","lightpink","lightsalmon","lightseagreen","lightskyblue","l
ightslategray","lightslategrey","lightsteelblue","lightyellow","lime","limegreen","linen","magenta","maroon","medi
umaquamarine","mediumblue","mediumorchid","mediumpurple","mediumseagreen","mediumslateblue","mediumsp
ringgreen","mediumturquoise","mediumvioletred","midnightblue","mintcream","mistyrose","moccasin","navajowhi
te","navy","oldlace","olive","olivedrab","orange","orangered","orchid","palegoldenrod","palegreen","paleturquoise"
,"palevioletred","papayawhip","peachpuff","peru","pink","plum","powderblue","purple","rebeccapurple","red","ros
ybrown","royalblue","saddlebrown","salmon","sandybrown","seagreen","seashell","sienna","silver","skyblue","slate
blue","slategray","slategrey","snow","springgreen","steelblue","tan","teal","thistle","tomato","turquoise","violet","w
heat","white","whitesmoke","yellow","yellowgreen","m","cm","mm","in","px","pt","pc","duration","s","ms","angle
","rad","Math","PI","deg","grad","turn","colors","unitConversions","parent","visibilityBlocks","undefined","nodeVi
sible","rootNode","parsed","Object","Node","fileInfo","getIndex","nodes","set","node","Array","isArray","forEach"
,"_index","_fileInfo","context","strs","genCSS","add","chunk","index","isEmpty","join","output","value","visitor","
visit","op","a","b","precision","numPrecision","Number","toFixed","compare","Color","rgb","originalForm","self","
match","map","c","parseInt","alpha","split","clamp","v","max","min","toHex","round","toString","prototype","assig
n","luma","r","g","pow","toCSS","doNotCompress","color","colorFunction","compress","args","fround","indexOf",
"toHSL","h","l","toRGB","splitcolor","operate","other","_operate","d","toHSV","toARGB","x","fromKeyword","ke
yword","key","toLowerCase","slice","Paren","eval","_noSpaceCombinators","
","|","Combinator","emptyOrWhitespace","trim","spaceOrEmpty","Element","combinator","isVariable","currentFile
Info","visibilityInfo","copyVisibilityInfo","setParent","accept","clone","firstSelector","charAt","ALWAYS","PARE
NS_DIVISION","PARENS","RewriteUrls","getType","payload","call","copy","target","constructor","getPrototype
Of","il","arguments","k","j","jl","__spreadArrays","getOwnPropertyNames","getOwnPropertySymbols","reduce","c
arry","props","includes","newVal","originalObject","includeNonenumerable","propType","propertyIsEnumerable","
defineProperty","enumerable","writable","configurable","assignProp","nonenumerable","getLocation","inputStream
","n","line","column","copyArray","arr","obj","cloned","prop","defaults","obj1","obj2","newObj","_defaults","defa
ults_1","copyOptions","opts","strictMath","math","Constants.Math","relativeUrls","rewriteUrls","Constants.Rewrit
eUrls","flattenArray","result","length_1","anonymousFunc","LessError","fileContentMap","currentFilename","mess
age","stack","input","contents","loc","utils.getLocation","col","callLine","lines","found","func","Function","lineAdj
ust","callExtract","extract","create","F","stylize","str","errorTxt","substr","Selector","elements","extendList","condi
tion","evaldCondition","getElements","mixinElements_","visitArray","createDerived","newSelector","mediaEmpty
","els","parseNode","err","imports","createEmptySelectors","el","sels","olen","len","mixinElements","shift","isJust

ParentSelector","extend","getIsOutput","Value","Keyword","True","False","Anonymous","mapLines","rulesetLike","allowRoot","isRulesetLike","Boolean","MATH","Declaration","name","important","merge","inline","variable","asComment","ctx","debugInfo","lineNumber","fileName","asMediaQuery","filenameWithProtocol","test","lineSeparator","dumpLineNumbers","lastRule","prevMath","evaldValue","mathBypass","evalName","importantScope","importantResult","pop","makeImportant","Comment","isLineComment","getDebugInfo","isSilent","isCompressed","contexts","copyFromOriginal","original","destination","propertiesToCopy","parseCopyProperties","Parse","paths","evalCopyProperties","isPathRelative","path","isPathLocalRelative","Eval","frames","enterCalc","calcStack","inCalc","exitCalc","inParenthesis","parensStack","outOfParenthesis","mathOn","isMathOn","pathRequiresRewrite","rewritePath","rootpath","newPath","normalizePath","segment","segments","reverse","makeRegistry","base","_data","addMultiple","keys","_this","get","getLocalFunctions","inherit","defaultFunc","value_","error_","reset","Ruleset","selectors","rules","strictImports","_lookups","_variables","_properties","isRuleset","selCnt","selector","hasVariable","hasOnePassingSelector","toParseSelectors","utils.flattenArray","rule","subRule","utils.copyArray","ruleset","originalRuleset","root","firstRoot","allowImports","functionRegistry","globalFunctionRegistry","ctxFrames","unshift","ctxSelectors","evalImports","rsRules","evalFirst","mediaBlockCount","mediaBlocks","filter","apply","resetCache","bubbleSelectors","importRules","matchArgs","matchCondition","lastSelector","_rulesets","variables","hash","vars","name_1","properties","name_2","decl","parseValue","property","lastDeclaration","toParse","transformDeclaration","nodes_1","rulesets","filtRules","prependRule","find","foundMixins","ruleNodes","tabLevel","sep","tabRuleStr","tabSetStr","charsetNodeIndex","importNodeIndex","isCharset","pathCnt","pathSubCnt","currentLastRule","isVisible","joinSelectors","joinSelector","createParenthesis","elementsToPak","originalElement","replacementParen","insideParent","createSelector","containedElement","element","addReplacementIntoPath","beginningPath","addPath","replacedElement","originalSelector","newSelectorPath","newJoinedSelector","parentEl","restOfPath","addAllReplacementsIntoPath","addPaths","mergeElementsOnToSelectors","sel","deriveSelector","deriveFrom","newPaths","replaceParentSelector","inSelector","currentElements","newSelectors","selectorsMultiplied","maybeSelector","hadParentSelector","nestedSelector","replaced","nestedPaths","replacedNewSelectors","concatenated","AtRule","isRooted","outputRuleset","mediaPathBackup","mediaBlocksBackup","mediaPath","ruleCnt","DetachedRuleset","callEval","Unit","numerator","denominator","backupUnit","sort","strictUnits","returnStr","is","unitString","toUpperCase","isLength","RegExp","isSingular","callback","usedUnits","group","mapUnit","groupName","atomicUnit","cancel","counter","count","Dimension","unit","parseFloat","isNaN","toColor","strValue","String","convertTo","unify","numericCompare","conversions","targetUnit","applyUnit","derivedConversions","Operation","operands","isSpaced","Expression","noSpacing","returnValue","parens","doubleParen","parensInOp","throwAwayComments","functionCaller","evalArgs","commentFilter","item","subNodes","to","from","pack","ar","Call","calc","currentMathContext","funcCaller","FunctionCaller","isValid","columnNumber","Variable","evaluating","frame","fun","Property","mergeRules","less","visitors","ToCSSVisitor","_mergeRules","vArr","Attribute","cif","Quoted","content","escaped","quote","variableRegex","propRegex","containsVariables","that","iterativeReplace","regexp","replacementFnc","evaluatedValue","URL","val","isEvald","urlArgs","Media","features","evalTop","evalNested","multiMedia","permute","fragment","rest","Import","css","pathValue","getPath","isPlugin","reference","isVariableImport","evalForImport","evalPath","doEval","blocksVisibility","addVisibilityBlock","registry","skip","importedFilename","newImport","JsEvalNode","evaluateJavaScript","expression","evalContext","javascriptEnabled","jsify","toJS","JavaScript","string","Assignment","Condition","negate","lvalue","rvalue","UnicodeDescriptor","Negative","Extend","option","object_id","next_id","parent_ids","allowBefore","allowAfter","findSelfSelectors","selectorElements","selfElements","selfSelectors","VariableCall","detachedRuleset","NamespaceValue","ruleCall","lookups","substring","Definition","params","variadic","arity","optionalParameters","required","p","evalParams","mixinEnv","evaldArguments","varargs","arg","isNamedFound","argIndex","argsLength","evalCall","_arguments","mixinFrames","allArgsCnt","requiredArgsCnt","MixinCall","mixins","mixin","mixinPath","argValue","f","isRecursive","isOneFound","candidate","defaultResult","noArgumentsFilter","candidates","conditionResult","calcDefGroup","namespace","expand","MixinDefinition","format","newRules","_setVisibilityToReplacement","replacement","AbstractFileManager","lastIndexOf","ext","tryAppendExtension","basePath","laterPath","url","baseUrl","urlDirectories","baseUrlDirectories","urlParts","extractUrlParts","baseUrlParts","diff","hostPart","directories","urlPartsRegex","returner","rawDirectories","rawPath","fileUrl","require","Abstra

ctPluginLoader","pluginOptions","pluginObj","localModule","shortname","FileManager","trySetOptions","use","exports","loader","tree","validatePlugin","minVersion","compareVersion","addPlugin","plugin","setOptions","version","versionToString","aVersion","bVersion","versionString","plugins","printUsage","_visitArgs","visitDeeper","_hasIndexed","_noop","implementation","_implementation","_visitInCache","_visitOutCache","indexNodeTypes","ticker","child","typeIndex","Visitor","nodeTypeIndex","fnName","impl","funcOut","visitArgs","newNode","isReplacing","cnt","nonReplacing","out","evald","flatten","nestedCnt","nestedItem","onSequencerEmpty","variableImports","_onSequencerEmpty","_currentDepth","ImportSequencer","importSequencer","importItem","isReady","tryRun","variableImport","ImportVisitor","importer","finish","_visitor","_importer","_finish","importCount","onceFileDetectionMap","recursionDetector","_sequencer","run","isFinished","visitImport","importNode","inlineCSS","importParent","addVariableImport","processImportNode","evaldImportNode","multiple","importMultiple","tryAppendLessExtension","onImported","sequencedOnImported","addImport","importedAtRoot","fullPath","importVisitor","isOptional","optional","duplicateImport","oldContext","visitDeclaration","declNode","visitDeclarationOut","visitAtRule","atRuleNode","visitAtRuleOut","visitMixinDefinition","mixinDefinitionNode","visitMixinDefinitionOut","visitRuleset","rulesetNode","visitRulesetOut","visitMedia","mediaNode","visitMediaOut","visible","SetTreeVisibilityVisitor","ensureVisibility","ensureInvisibility","allExtendsStack","ExtendFinderVisitor","allExtends","allSelectorsExtendList","extendOnEveryPath","selectorPath","selExtendList","allSelectorsExtend","foundExtends","firstExtendOnThisSelectorPath","ProcessExtendsVisitor","extendFinder","extendIndices","doExtendChaining","newRoot","checkExtendsForNonMatched","indices","hasFoundMatches","extendsList","extendsListTarget","iterationCount","extendIndex","targetExtendIndex","matches","targetExtend","newExtend","extendsToAdd","extendVisitor","findMatch","selfSelector","extendSelector","extendChainCount","selectorOne","selectorTwo","ruleNode","selectorNode","pathIndex","selectorsToAdd","extendedSelectors","haystackSelectorPath","haystackSelectorIndex","hackstackSelector","hackstackElementIndex","haystackElement","targetCombinator","potentialMatch","needleElements","potentialMatches","matched","initialCombinator","isElementValuesEqual","finished","endPathIndex","endPathElementIndex","elementValue1","elementValue2","replacementSelector","matchIndex","firstElement","newElements","currentSelectorPathIndex","currentSelectorPathElementIndex","currentValue","derived","newAllExtends","lastIndex","JoinSelectorVisitor","_context","CSSVisitorUtils","bodyRules","owner","thing","originalRules","containsSilentNonBlockedChild","compiledRulesBody","keepOnlyVisibleChilds","removeVisibilityBlock","hasVisibleSelector","utils","mixinNode","visitExtend","extendNode","visitComment","commentNode","resolveVisibility","visitAtRuleWithBody","visitAtRuleWithoutBody","visitAnonymous","anonymousNode","nodeRules","hasFakeRuleset","getBodyRules","charset","comment","checkValidNodes","isRoot","_compileRulesetPaths","nodeRuleCnt","_removeDuplicateRules","isVisibleRuleset","ruleList","ruleCache","ruleCSS","groups","groupsArr","result_1","space_1","comma_1","MarkVisibleSelectorsVisitor","ExtendVisitor","furthest","furthestPossibleErrorMessage","chunks","current","currentPos","saveStack","parserInput","skipWhitespace","nextChar","oldi","oldj","curr","endIndex","mem","inp","charCodeAt","autoCommentAbsorb","nextNewLine","text","commentStore","nextStarSlash","save","restore","possibleErrorMessage","state","forget","isWhitespace","offset","pos","code","$re","tok","exec","$char","$str","tokLength","$quoted","startChar","currentPosition","$parseUntil","testChar","returnVal","inComment","blockDepth","blockStack","parseGroups","startPos","lastPos","loop","char","expected","peek","peekChar","currentChar","prevChar","getInput","peekNotNumeric","start","chunkInput","failFunction","fail","lastOpening","lastOpeningParen","lastMultiComment","lastMultiCommentEndBrace","chunkerCurrentIndex","currentChunkStartIndex","cc","cc2","level","parenLevel","emitFrom","emitChunk","force","fromCharCode","chunker","end","furthestReachedEnd","furthestChar","Parser","parsers","getParserInput","expect","expectChar","parseList","currentIndex","returnNodes","parser","additionalData","globalVars","modifyVars","ignored","preText","disablePluginRule","serializeVars","preProcessors","getPreProcessors","process","banner","contentsIgnoredChars","primary","endInfo","processImports","extendRule","definition","declaration","variableCall","entities","atrule","foundSemiColon","mixinLookup","quoted","forceEscaped","isEscaped","customFuncCall","stop","ieAlpha","boolean","if","prevArgs","isSemiColonSeparated","argsComma","argsSemiColon","assignment","literal","dimension","unicodeDescriptor","entity","ch","variableCurly","curly","propertyCurly","colorKeyword","ud","javascript","js","escape","parsedName","inValue","ruleLookups","isRule","getLookup","hasParens","elem","elemIndex","re","isCall","expressionContainsNamed","nameLoop","expressions","hasSep","cond","argInfo",

"conditions","block","lookupValue","attribute","slashedCombinator","isLess","when","blockRuleset","hasDR","rule
Property","permissiveValue","anonymousValue","untilTokens","done","testCurrentChar","import","dir","importOpt
ions","mediaFeatures","o","optionName","importOption","mediaFeature","pluginArgs","nonVendorSpecificName",
"hasIdentifier","hasExpression","hasUnknown","hasBlock","sub","addition","multiplication","operation","operand",
"needsParens","logical","next","conditionAnd","negatedCondition","parenthesisCondition","atomicCondition","bod
y","me","tryConditionFollowedByParenthesis","delim","simpleProperty","If","trueValue","falseValue","isdefined",
"colorFunctions","hsla","origColor","hsl","number","rgba","size","m1_1","m2_1","hue","hsv","hsva","vs","floor","
perm","saturation","lightness","hsvhue","hsvsaturation","hsvvalue","luminance","saturate","amount","method","des
aturate","lighten","darken","fadein","fadeout","fade","spin","mix","color1","color2","weight","w","w1","w2","greys
cale","contrast","dark","light","threshold","t","argb","tint","shade","colorBlend","mode","cb","cs","cr","ab","as","co
lorBlendModeFunctions","multiply","screen","overlay","softlight","sqrt","hardlight","difference","abs","exclusion",
"average","negation","getItemsFromNode","_SELF","~","_i","expr","values","range","step","stepValue","list","eac
h","rs","iterator","tryEval","Quote","valueName","keyName","indexName","MathHelper","fn","mathFunctions","ce
il","sin","cos","atan","asin","acos","mathHelper","fraction","num","minMax","isMin","currentUnified","referenceU
nified","unitStatic","unitClone","order","convert","pi","mod","y","percentage","evaluated","encodeURI","pattern","
flags","%","token","encodeURIComponent","isa","Type","isunit","isruleset","iscolor","isnumber","isstring","iskey
word","isurl","ispixel","ispercentage","isem","get-unit","colorBlending","fallback","functionThis","data-
uri","mimetypeNode","filePathNode","mimetype","filePath","entryPath","fragmentStart","utils.clone","rawBuffer",
"getFileManager","useBase64","mimeLookup","charsetLookup","fileSync","loadFileSync","buf","encodeBase64","
uri","dataUri","svg-
gradient","direction","stops","gradientDirectionSvg","position","positionValue","gradientType","rectangleDimensio
n","renderEnv","directionValue","throwArgumentDescriptor","types","evaldRoot","evalEnv","visitorIterator","preE
valVisitors","first","isPreEvalVisitor","isPreVisitor","pm","postProcessors","installedPlugins","pluginCache","Load
er","PluginLoader","PluginManager","install","preProcessor","priority","indexToInsertAt","postProcessor","manage
r","PluginManagerFactory","newFactory","major","minor","patch","pre","build","sourceMapOutput","sourceMapB
uilder","parseTree","importManager","SourceMapBuilder","ParseTree","transformTree","toCSSOptions","sourceM
ap","getPostProcessors","file","getExternalSourceMap","files","rootFilename","SourceMapOutput","contentsIgnore
dCharsMap","contentsMap","sourceMapFilename","sourceMapURL","outputFilename","sourceMapOutputFilenam
e","sourceMapBasepath","sourceMapRootpath","outputSourceFiles","sourceMapGenerator","sourceMapFileInline",
"disableSourcemapAnnotation","sourceMapInputFilename","normalizeFilename","removeBasepath","getCSSAppe
ndage","_css","_rootNode","_contentsMap","_contentsIgnoredCharsMap","_sourceMapFilename","_outputFilenam
e","_sourceMapBasepath","_sourceMapRootpath","_outputSourceFiles","_sourceMapGeneratorConstructor","getSo
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AChB38C,iBAAkBM,EAAYkrB,QAAQ9P,GACtC3b,SAAU2b,EACV89B,aAAc99B,EACd1G,YAAaivC,EAAgB
jvC,aAMjC,GAHA2nC,EAAYrH,UAAYqH,EAAY38C,iBACpC28C,EAAYlgC,SAAWwnC,EAAgBxnC,UAAYk
gC,EAAY38C,iBAE3DmgD,EAAS,CACTA,EAAQiE,UAAYA,EAEpB,IAAM94B,EAAMw3B,EAAMI,OAAOxn
C,EAAMykC,EAAS8D,EAAgBpe,YACxD,IAAKse,GAAU74B,EAGX,OAFA60B,EAAOQkE,OAAQ,OAChBt+B,OAChBt+B,EAAS,KAAMuoF,EAAKmzB,EAAMliD,EAAO4jD,EAASzkC,EAAOgB,OAAOjmC,EAAg
B7H,aAAeO,EAC/BrzB,EAAKo0B,OAAOe,EAAMwF,GAAiB,SAAChmD,EAAGkX,GAC/BlX,EACA0iD,EAAEvC
C,KAAOggB,EACTqK,EAASSqK,EAAME,OAAAME,EAAMb,KAAMykD,EAAAMME,aAAc6D,EAAg
Bpe,WAAY1wB,EAAOmW,KACFvF,EAAAS,KAAAM5Q,EAAOmW,IAAKmzB,EAAMliD,EAAO4jD,EAASzkC,
OAArD4oC,CAAwB1H,MACzB4D,OAAM,SAAA7oC,GACLgrC,EAASpO,OAAQrC,IAAI3oC,GACZoO,EAASpO,MAKr
B,SAAS4sC,EAAgBx+B,EAAUo+B,EAAQte,GACvC,IAAK,IAAI3mC,EAAI,EAAGA,EAAIoqB,EAAKk7B,OA
AOlnD,OAAAQ4B,IACpCglD,EAAAe56B,EAAAKk7B,OAAOtlD,GAAAI6mB,EAAAUo+B,EAAAQ76B,EAAAKk7B,OAA
OlnD,QAAU4B,EAAAI2mC,GAAAI2mC,GAmIvF,OA3GAvc,EAAAKm7B,MAAU,WAMX,OALKn7B,EAAKo7B,YACN
p7B,EAAAKg4B,IAAAM,cArBE,gBAAAbh4B,EAAAKg4B,MACLh4B,EAAAKq7B,WAAApD,aAAY,WACTBj4B,EAAK
o7B,YACLpkD,EAAAYy/C,iBAACZwE,GAAgB,SAACtmD,EAAGqtB,GAAKvtB,EAAAGG4jD,GAC3BliD,E
ACA0iD,EAAAOx0C,IAAIlO,EAAG,WAGGA,EAAAA4jD,GAC3B3BliD,EAAAMAQa,EAAAMMb,MACvB4vB,EAAAMb,M
ACvB4vB,EAAAEvC,MAAQa,EAAAMb,WAC9BqiD,EAAAOx0C,IAAIlO,EAAAG,GAGGA,EAAAA4jD,GAC
/B,GAAIliD,EAGA,OAFA0iD,EAAAEvC,MAAAQa,EAAAMb,GAGGAGPkiD,EAAAQkE,MACR/6B,EAAKnpB,OAAOxB,
KAAK,WAAWpC,EAAAMb,qBAAElC4tB,EAAAKnpB,OAAOx
B,KAAK,YAAYpC,EAAAMb,uBAAEvC01D,EAAAkBjjD,EAAAO9B,SAAUivB,EAAAK/uB,GACxC+sB,EAAAKnpB,OA
AOxB,KAAK,WAAWpC,EAAAMb,uBAAAqB,IAAI2kD,KAAAS+E,SAM5C,MAHxBE,IAIID,EAAAoB,EAAAIhF,KAA
S8E,EACCjC77B,EAAAKnpB,OAAOxB,KAAK,uCAAuC0mD,vH,EAAAQ,CACCJqH,YACAC,UACACoBAC
Ab,OAAAQl7B,EAAAKk7B,OAAOlnD,OAAAUAG5B8nD,EAAAU,IAAAI/E,OAACf8D,EAAAQte,GAGfme,EAAA
Wne,OAInBvc,EAAAKi8B,cAAgBvBvB,EAACd16B,EH/PEvK,CAAAK5gB,OAAAQtC,IAU1B,SAAS2pD,GAAgB/G,
+C,UACL4iD,QAAAQjkD,KAAAK+/C,GAAEZ5iD,GAAAQojD,OACTxhD,GAAAKM,YAAAYsjD,WAZZBljD,OAAAOmr
B,KAAAOA,GAgBVztB,GAAAQumD,UACJ,SAASroC,KAAAK5b,OAAO6hD,SAAA1/B,OAAAO6hD,SAAS1/B,OAC9BgJ,
GAAAK5oD,GAAAQojD,QAACT3zB,GAAAMoCACN7tB,GAAAOpB,SAASoB,MAAAQpB,SAASqB,qBAAAqB,QAAA
QIAC9D2jD,GAAAQhlD,SAASSU,cAAAc,UAAEzBqC,KAAAQ,WACTiiD,GAAAMnkD,WACNmkD,GAAMnkD,WAAW
c,QAAUstB,GAE3B+1B,GAAAMlkD,YAAAYd,SAASSe,eAAAAekuB,KAG9C7tB,GAAAKN,YAAAYkkD,KAErB/3B,GAA
Ku7

B,iCACLv7B,GAAKm8B,iBAAmBn8B,GAAK47B,QAAqB,gBAAb57B,GAAKg4B,KAAuB7D,KAAK+H,GAAi
BA"}

Found
 in path(s):
* /opt/cola/permits/1550489314_1675273249.1374285/0/less-4-1-3-2-tgz/package/dist/less.min.js.map
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* Less - Leaner CSS v4.1.3
* http://lesscss.org
*
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*
* @license Apache-2.0
*/

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1.89 audit 3.0.9

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 SafeString to Number conversion

 Examples of SafeString to Number conversions and comparing these to the results from String methods

 by Matthew Ford

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 www.forward.com.au/pfod/ArduinoProgramming/SafeString/index.html

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 SafeString Case changes
 Examples of how to change the case of a SafeString

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fac1370/examples/SafeString_Tests/SafeStringCaseChanges/SafeStringCaseChanges.ino
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```
/*
 SafeString constructors and assignments
 Examples of how to create SafeStrings and how to assign SafeStrings from other data types
 also see the SafeStringFromCharArray, SafeStringFromCharPtr and SafeStringFromCharPtrWithSize examples


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fac1370/examples/SafeString_Tests/SafeString_ConstructorAndDebugging/SafeString_ConstructorAndDebugging.i
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```
/* SafeStringWithArraysOfCstrings.ino
   Example of using SafeString for working with char[][xx]

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```

download and install the SafeString library from Arduino library manager
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/*
 SafeString startsWith(), startsWithIgnoreCase(), endsWithCharFrom() and endsWith()

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 www.forward.com.au/pfod/ArduinoProgramming/SafeString/index.html
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/*
 sfStream.ino

 SafeStringStream Unit test
 Example of using SafeStringStream

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 https://www.forward.com.au/pfod/ArduinoProgramming/Serial_IO/index.html
*/

/*
 Blink

 Turns an led on for one second, then off for one second, repeatedly.

Most Arduinos have an on-board led you can control. On the UNO, MEGA and ZERO
it is attached to digital pin 13, on MKR1000 on pin 6. led is set to
the correct led pin independent of which board is used.
If you want to know what pin the on-board led is connected to on your Arduino
model, check the Technical Specs of your board at:
https://www.arduino.cc/en/Main/Products

modified 8 May 2014
by Scott Fitzgerald
modified 2 Sep 2016
by Arturo Guadalupi
modified 8 Sep 2016
by Colby Newman

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http://www.arduino.cc/en/Tutorial/Blink
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/*
SafeString replace()
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gz/PowerBroker2-SafeString-fac1370/examples/SafeString_Tests/SafeStringReplace/SafeStringReplace.ino
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/*
SafeStringReader_Assign.ino

This example = to SafeStringReader

by Matthew Ford
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download and install the SafeString library from Arduino library manager
or from www.forward.com.au/pfod/ArduinoProgramming/SafeString/index.html
*/

Found in path(s):
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gz/PowerBroker2-SafeString-fac1370/examples/SafeStringReader_Assign/SafeStringReader_Assign.ino
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/*
 SafeString substring()
 Examples of SafeString substring

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gz/PowerBroker2-SafeString-fac1370/examples/SafeString_Tests/SafeStringSubstring/SafeStringSubstring.ino
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/*
 SafeSting length(), trim()

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 www.forward.com.au/pfod/ArduinoProgramming/SafeString/index.html
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gz/PowerBroker2-SafeString-fac1370/examples/SafeString_Tests/SafeStringLengthTrim/SafeStringLengthTrim.ino
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/*
 SafeString.h static memory SafeString library modified by
 Matthew Ford
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modified from

WString.h - String library for Wiring & Arduino

...mostly rewritten by Paul Stoffregen...

Copyright (c) 2009-10 Hernando Barragan. All right reserved.

Copyright 2011, Paul Stoffregen, paul@pjrc.com

Found in path(s):

* /opt/cola/permits/1550499841_1675274436.6722012/0/powerbroker2-safestring-4-1-25-0-gfac1370-tar-gz/PowerBroker2-SafeString-fac1370/src/SafeString.h

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

/*

 SafeString from char* with specified size constructor

 Examples of how to create SafeStrings from an existing pointer to a char[]

 also see the SafeString_ConstructorAndDebugging, SafeStringFromCharArray and SafeStringFromCharPtr examples

 by Matthew Ford

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 Modified from String Examples by Tom Igoe

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 www.forward.com.au/pfod/ArduinoProgramming/SafeString/index.html

*/

Found in path(s):

* /opt/cola/permits/1550499841_1675274436.6722012/0/powerbroker2-safestring-4-1-25-0-gfac1370-tar-gz/PowerBroker2-SafeString-fac1370/examples/SafeString_Tests/SafeStringFromCharPtrWithSize/SafeStringFromCharPtrWithSize.ino

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/*

SafeStringReader_flushInput.ino

This example flushes any initial input and also starts flushing if "flush" is found in the text stream

by Matthew Ford
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gz/PowerBroker2-SafeString-fac1370/examples/SafeStringReader_flushInput/SafeStringReader_flushInput.ino
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/*
Appending to SafeStrings using the += operator and concat()
Examples of how to append different data types to SafeStrings
Also has examples of using hasError() method

by Matthew Ford
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Modified from String Examples by Tom Igoe
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gz/PowerBroker2-SafeString-
fac1370/examples/SafeString_Tests/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatO
perator.ino
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/*
SafeString charAt() and setCharAt()
Examples of how to get and set characters of a SafeString

by Matthew Ford
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www.forward.com.au/pfod/ArduinoProgramming/SafeString/index.html
*/

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```
/*
 Comparing SafeStrings
 Examples of how to compare SafeStrings using the comparison operators

 by Matthew Ford
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 www.forward.com.au/pfod/ArduinoProgramming/SafeString/index.html
*/
```

Found in path(s):

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```
/*
 Tokenizing SafeStrings and converting to numbers
 Examples of how to use the nextToken() and toLong() and toDouble() to parse a CSV line

 by Matthew Ford
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 www.forward.com.au/pfod/ArduinoProgramming/SafeString/index.html
*/
```

Found in path(s):

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```
/*
 OBD_Processor.ino  for SafeString V4.0.0+

 Example of using SafeString to process Car OnBoardData

 by Matthew Ford
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```

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or from www.forward.com.au/pfod/ArduinoProgramming/SafeString/index.html
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gz/PowerBroker2-SafeString-fac1370/examples/OBD_Processor/OBD_Processor.ino
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/*
 SSring indexOf() and lastIndexOf()

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/*
 SafeString removeFrom(), removeBefore(), remove(), removeLast(), keepLast()
 Examples of SafeString remove

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/*
 SafeString readUntil, non-blocking until delimiter found
 Example of how to use the non-blocking readUntil() method to parse a CSV line

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/*
 SafeString.cpp V2.0.0 static memory SafeString library modified by
 Matthew Ford
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 extensively modified from

 WString.cpp - SafeString library for Wiring & Arduino
 ...mostly rewritten by Paul Stoffregen...
 Copyright (c) 2009-10 Hernando Barragan. All rights reserved.
 Copyright 2011, Paul Stoffregen, paul@pjrc.com

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gz/PowerBroker2-SafeString-fac1370/src/SafeString.cpp
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/* SafeStringInClasses_1.ino
   Example of using SafeString for Class char[]s

 by Matthew Ford
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*/

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/*
 SafeString from char* constructor
 Examples of how to create SafeStrings from an existing pointer to a char[]
 also see the SafeString_ConstructorAndDebugging, SafeStringFromCharArray and
SafeStringFromCharPtrWithSize examples

 by Matthew Ford
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/*
 Prefixing to SafeStrings using the -= operator and prefix()
 Examples of how to prefix different data types to SafeStrings

 by Matthew Ford
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*/

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```
/*
 Tokenizing SafeStrings and converting to numbers
 Examples of how to use the stoken and toLong() and toDouble() to parse a CSV line

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```

Found in path(s):
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```
/*
 Fixed 9 Formatting of double/float/long/ing

 by Matthew Ford
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 www.forward.com.au/pfod/ArduinoProgramming/SafeString/index.html
*/
```

Found in path(s):
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```
/*
 Test Errors for Assignment to SafeStrings using the = operator

 by Matthew Ford
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 Modified from String Examples by Tom Igoe
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 www.forward.com.au/pfod/ArduinoProgramming/SafeString/index.html
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```

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fac1370/examples/SafeString_Tests/SafeStringEquAssignErrTests/SafeStringEquAssignErrTests.ino
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```
/*
 SafeString from char[] constructor
 Examples of how to create SafeStrings from an existing char[]
 also see the SafeString_ConstructorAndDebugging, SafeStringFromCharPtr and SafeStringFromCharPtrWithSize
examples


 by Matthew Ford
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 www.forward.com.au/pfod/ArduinoProgramming/SafeString/index.html
*/
```

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gz/PowerBroker2-SafeString-
fac1370/examples/SafeString_Tests/SafeStringFromCharArray/SafeStringFromCharArray.ino
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```
/*
 SafeStringReader_GPS.ino

 This example reads GPS data from a SafeStringStream continuously using a SafeStringReader

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*/
```

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```
/*
 Appending to SafeStrings using print()/println()
 Examples of how to use the standard print()/println() to append and format different data types to SafeStrings

 by Matthew Ford
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```

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1.92 libsepol 3.4-2

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Library, but is designed to work with the Library by being compiled or
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work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

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

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

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

Library will still fall under Section 6.)

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

 6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
work containing portions of the Library, and distribute that work
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directing the user to the copy of this License. Also, you must do one
of these things:

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

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

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  specified in Subsection 6a, above, for a charge no more

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 For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
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normally distributed (in either source or binary form) with the
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components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
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accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
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1.93 gpt-fdisk 1.0.5
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1.94 nettle 3.6

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used to limit the access or legal rights of the compilation's users
beyond what the individual works permit. Inclusion of a covered work
in an aggregate does not cause this License to apply to the other
parts of the aggregate.

 6. Conveying Non-Source Forms.

 You may convey a covered work in object code form under the terms
of sections 4 and 5, provided that you also convey the
machine-readable Corresponding Source under the terms of this License,
in one of these ways:

  a) Convey the object code in, or embodied in, a physical product
  (including a physical distribution medium), accompanied by the
  Corresponding Source fixed on a durable physical medium
  customarily used for software interchange.

  b) Convey the object code in, or embodied in, a physical product
  (including a physical distribution medium), accompanied by a
  written offer, valid for at least three years
and valid for as
  long as you offer spare parts or customer support for that product
  model, to give anyone who possesses the object code either (1) a
  copy of the Corresponding Source for all the software in the
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  medium customarily used for software interchange, for a price no
  more than your reasonable cost of physically performing this
  conveying of source, or (2) access to copy the
  Corresponding Source from a network server at no charge.

  c) Convey individual copies of the object code with a copy of the
  written offer to provide the Corresponding Source. This
  alternative is allowed only occasionally and noncommercially, and
  only if you received the object code with such an offer, in accord
  with subsection 6b.

  d) Convey the object code by offering access from a designated
  place (gratis or for a charge), and offer equivalent access to the
  Corresponding Source in
the same way through the same place at no
  further charge. You need not require recipients to copy the
  Corresponding Source along with the object code. If the place to
  copy the object code is a network server, the Corresponding Source

may be on a different server (operated by you or a third party)
that supports equivalent copying facilities, provided you maintain
clear directions next to the object code saying where to find the
Corresponding Source. Regardless of what server hosts the
Corresponding Source, you remain obligated to ensure that it is
available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided
you inform other peers where the object code and Corresponding
Source of the work are being offered to the general public at no
charge under subsection 6d.

A separable portion of the object code, whose source code is excluded
from the Corresponding Source
as a System Library, need not be
included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any
tangible personal property which is normally used for personal, family,
or household purposes, or (2) anything designed or sold for incorporation
into a dwelling. In determining whether a product is a consumer product,
doubtful cases shall be resolved in favor of coverage. For a particular
product received by a particular user, "normally used" refers to a
typical or common use of that class of product, regardless of the status
of the particular user or of the way in which the particular user
actually uses, or expects or is expected to use, the product. A product
is a consumer product regardless of whether the product has substantial
commercial, industrial or non-consumer uses, unless such uses represent
the only significant mode of use of the product.

"Installation Information" for a User Product means any methods,
procedures, authorization
 keys, or other information required to install
and execute modified versions of a covered work in that User Product from
a modified version of its Corresponding Source. The information must
suffice to ensure that the continued functioning of the modified object
code is in no case prevented or interfered with solely because
modification has been made.

If you convey an object code work under this section in, or with, or
specifically for use in, a User Product, and the conveying occurs as
part of a transaction in which the right of possession and use of the
User Product is transferred to the recipient in perpetuity or for a
fixed term (regardless of how the transaction is characterized), the
Corresponding Source conveyed under this section must be accompanied
by the Installation Information. But this requirement does not apply
if neither you nor any third party retains the ability to install
modified object code on the User Product (for example, the work has

been installed in
 ROM).

 The requirement to provide Installation Information does not include a
requirement to continue to provide support service, warranty, or updates
for a work that has been modified or installed by the recipient, or for
the User Product in which it has been modified or installed. Access to a
network may be denied when the modification itself materially and
adversely affects the operation of the network or violates the rules and
protocols for communication across the network.

 Corresponding Source conveyed, and Installation Information provided,
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