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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

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Version 3, 29 June 2007

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```

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```
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under certain conditions; type `show c' for details.
```

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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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Jean-loup Gailly Mark Adler

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

*/

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1.7 e2fsprogs 1.43

1.7.1 Available under license :

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*/

Index: tdbsa/tdb.c

=====

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

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

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

*/

/*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version

- trivial database library - private includes

-

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Gadi Oxman, August 1995

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Version 2, June 1991

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```
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```

```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
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Theodore Ts'o
23-June-2007

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```
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```

```
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relink to produce a modified

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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>.

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

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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) $(LD_FLAGS_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)/$(BSD_LIB)
@-$(LD_CONFIG)

install-strip: install

install-shlibs-strip: install-shlibs

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

clean:
$(RM)
-rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)

```

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

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

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1.8 net-tools 2.10

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1.9 c-ares 1.16.1

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1.10 Isof 4.91

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1.11 hd-parm 9.58

1.12 tar 1.32

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@c ispell-local-pdict: "ispell-dict"
@c End:
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must

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1.16 libpcap 1.9.1

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1.18 popt 1.16-14.el8

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1.20 findutils 4.7.0

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```
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```

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1.23 ncurses 6.2

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-- \$Id: COPYING,v 1.9 2020/02/08 13:34:12 tom Exp \$
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1.24 grep 3.4

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Version 3, 29 June 2007

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1.26 cpio 2.13

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1.27 xz 5.2.5

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1.28 netcat 0.7.1

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1.30 sed 4.8

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include/bsd/stdlib.h
include/bsd/sys/param.h
include/bsd/unistd.h
src/bsd_getopt.c
src/err.c
src/fgetln.c
src/progname.c

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include/bsd/sys/bitstring.h
include/bsd/sys/queue.h
include/bsd/sys/time.h
include/bsd/timeconv.h
include/bsd/vis.h
man/bitstring.3bsd
man/errc.3bsd
man/explicit_bzero.3bsd
man/fgetln.3bsd
man/fgetwln.3bsd
man/fpurge.3bsd
man/funopen.3bsd
man/getbsize.3bsd
man/heapsort.3bsd
man/nlist.3bsd
man/queue.3bsd

man/radixsort.3bsd
man/reallocarray.3bsd
man/reallocf.3bsd
man/setmode.3bsd
man/strmode.3bsd
man/strnstr.3bsd
man/strtoi.3bsd
man/strtou.3bsd
man/unvis.3bsd
man/vis.3bsd
man/wcsncpy.3bsd
src/getbsize.c
src/heapsort.c
src/merge.c
src/nlist.c
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man/fmtcheck.3bsd

man/humanize_number.3bsd

man/stringlist.3bsd

man/timeval.3bsd

src/fmtcheck.c

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man/flopen.3bsd

man/getpeereid.3bsd

man/pidfile.3bsd

src/expand_number.c

src/hash/sha512.h

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man/readpassphrase.3bsd

man/strncpy.3bsd

man/strtonum.3bsd

src/arc4random.c

src/arc4random_linux.h

src/arc4random_openbsd.h

src/arc4random_uniform.c

src/arc4random_unix.h

src/arc4random_win.h

src/closefrom.c

src/getentropy_aix.c

src/getentropy_bsd.c

src/getentropy_hpux.c

src/getentropy_hurd.c

src/getentropy_linux.c

src/getentropy_osx.c

src/getentropy_solaris.c

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src/hash/md5.c

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1.35 nghttp2 1.41.0

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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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1.38 busybox 1.32.0

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jseward@bzip.org

bzip2/libbzip2 version 1.0.4 of 20 December 2006

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1.39 libssh2 1.9.0

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1.41 traceroute 2.1.0-r0

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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  
##  
## By Mike Hamburg (Stanford University), 2009  
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```


##

For details see https://shiftleft.org/papers/vector_aes/ and

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Version 3, 29 June 2007

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1.49 bash 5.0.18

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```
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```

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1.50 tftp-hpa 5.2

1.50.1 Available under license :

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/*

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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

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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.
```

```
.\" *- nroff *- ----- *
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.\" SUCH DAMAGE.
.\"
.\" ----- */
```

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.
```

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

```

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* 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/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.

```

```

.\" *- nroff *- ----- *
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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/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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Found in path(s):

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

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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/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/tftpd/tftpd.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
- 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/tftpd/tftpd.c

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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1.58 dosfs-tools 4.2

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```
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```
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```

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1.59 gawk 5.1.0

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Because

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1.60 pcre 8.44

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1.61 rsync 3.2.3

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1.63 iproute 5.9.0-1.el8

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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`

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

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```
/*-----  
* 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

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/*

*-----

* 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.

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*-----

*

*/

Found in path(s):

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

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

/*

*-----

* cfg_router_auto_summary.h

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

Found in path(s):

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

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

Found in path(s):

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

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

Found in path(s):

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

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

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

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

*-----

* cfg_routemap_set_policy.h -- Policy specific route map clauses

*

* Mar 1995 Tony Li

*

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

* All rights reserved.

*-----

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

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

* CSCdi51599: multiple /interface/ literals bloat code.

* Branch: California_branch

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

*

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

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

*

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

* Remove old entries from the RCS header logs.

*

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

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

*

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

* CSCdi36227: Fix parse chain alternates

*

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

* CSCdi35889: parser transition structures should be static

*

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

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

*

*-----

* \$Endlog\$

*/

Found in path(s):

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

tar/iprouting_cmn/include/cfg_routemap_set_policy.h

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

/*

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

Found in path(s):

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

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

Found in path(s):

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

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

Found in path(s):

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

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

* March 2003 Shyan Wignarajah

*

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

* All rights reserved.

*-----

*/

Found in path(s):

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

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

/*

*-----

* IP routing table flap statistics collection facility.

*

* Nov 1996, Ravi Chandra

*

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

* All rights reserved.

*-----

*/

Found in path(s):

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

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

/*

*-----

* route_capability.h

*

* August 2003, Peter Psenak

*

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

* All rights reserved.

*-----

*/

Found in path(s):

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

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

/*-----

* route_map_registry.c

*

* July 2001, Siva Yaragalla

*

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

* All rights reserved.

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

Found in path(s):

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

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

Found in path(s):

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

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

Found in path(s):

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

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

```

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

```

Found in path(s):

```

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

```

```

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

```

Found in path(s):

```

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

```

```

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

```


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

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

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

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

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

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

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

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

Found in path(s):

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

All rights reserved.

Found in path(s):

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

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

Found in path(s):

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

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

```

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

```

Found in path(s):

```

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

```

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

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

Found in path(s):

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

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

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

Found in path(s):

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

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

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

Found in path(s):

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

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

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

Found in path(s):

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

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

Found in path(s):

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

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

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

Found in path(s):

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

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

Found in path(s):

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

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

Found in path(s):

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

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

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

Found in path(s):

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

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

Found in path(s):

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

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

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

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

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

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

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

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

*/

Found in path(s):

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

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

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

*
* July 1998, Wilber Su

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

* All rights reserved.
*-----

*/

Found in path(s):

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

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

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

*
* May 2003, Tanya Shastri


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

Found in path(s):

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

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

Found in path(s):

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

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

```

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

```

Found in path(s):

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

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

```

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

```

```

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

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

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

PROJECT_NAME=IPROUTINGCMN_ROUTER_CMD

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

PROJECT_NUMBER=0.1.0.2

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

```

```

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

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

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

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

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

IGNORE_PREFIX="xos_XOS_"

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

EXTRACT_ALL=YES

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

EXTRACT_STATIC=YES

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

```

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

HIDE_UNDOC_MEMBERS=NO

#-----

VARIABLES RELATED TO DOXYGEN OUTPUT

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

DST_BASE=/auto/ios_comp/iprouting_cmnn

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

(Local variable)

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

#

---- WORKSPACE AREA

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

WORKSPACE_FOLDER=api-docs

This is the full pathame of the root under which all normal output folders will be located
OUTPUT_WORKSPACE=\$DST_BASE/\$WORKSPACE_FOLDER

This is the URL of the above OUTPUT_WORKSPACE directory
Only used for displaying where to access the documentation after the doxygen run
URL_WORKSPACE=\$URL_DST_BASE/\$WORKSPACE_FOLDER

---- ARCHIVE AREA

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

ARCHIVE_FOLDER=archive/xoslib

This is the full pathame of the root under which all archive output folders will be located
OUTPUT_ARCHIVE=\$DST_BASE/\$ARCHIVE_FOLDER

This is the URL of the above OUTPUT_WORKSPACE directory
Only used for displaying where to access the documentation after the doxygen run
URL_ARCHIVE=\$URL_DST_BASE/\$ARCHIVE_FOLDER

#-----

#

VARIABLES RELATED TO DOXYGEN INPUT

```

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

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

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

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

```

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

```

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

```

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

Found in path(s):

```

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

```

```

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

```

```

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

```

Found in path(s):

```

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

```

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

```

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

```

Found in path(s):

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

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

/*

*-----

* routemap_track.h -- Route map support for tracking

*

* March 2003 Shyan Wignarajah

*

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

* All rights reserved.

*-----

*/

Found in path(s):

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

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

/*

*-----

* Generic prefix list support - prefix lists private header file

*

* March 2002, Siva Yaragalla

*

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

* All rights reserved.

*-----

*/

Found in path(s):

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

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

/*

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

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

*-----

* route_map.h

*

* Route map support data structures.

*

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

* All rights reserved.

*-----

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

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

* Branch: California_branch

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

```

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

```

Found in path(s):

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

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

```

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

```

Found in path(s):

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

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

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

Found in path(s):

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

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

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

Found in path(s):

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

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

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

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

Found in path(s):

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

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

```

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

Found in path(s):

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

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

Found in path(s):

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

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

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

% Cflow

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

% MIF

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

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

%

API

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

```

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

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

```

```

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

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

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

#include IOS_INC(testtools/sesutlib_ios.h)

```



```

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

boolean sesrc;

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

```

```

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

! 1. DEFINE show_ip_interface_with_topo

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

! 2. DEFINE clear_ip_interface_with_topo

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

! 3. DEFINE show_ip_traffic_with_topo

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

! 4. DEFINE clear_ip_traffic_with_topo

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

! 5. DEFINE show_ip_interface_stats

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

! 6. DEFINE clear_ip_interface_stats

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

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

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

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

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

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

```

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

! 1. DEFINE address_family_action_named_router REMOTE 3

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

Found in path(s):

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

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

Found in path(s):

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

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

Found in path(s):

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

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

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

Found in path(s):

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

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

Found in path(s):

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

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

Found in path(s):

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

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

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

Found in path(s):

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

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

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

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

Found in path(s):

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

/*
*-----
* cfg_router_topology.h - router topology configuration mode command
*
* Sept 2004, Mercia Zheng
*
* Copyright (c) 2004-2005, 2007-2009, 2013 by cisco Systems, Inc.
* All rights reserved.
*-----
*/

Found in path(s):

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

/*
*-----
* iprouting_init_ionblob.c -- IP Routing Init code for blog in ION only
*
* October 2001, Rashmi Shrivastava
*
* Copyright (c) 2001-2017 by cisco Systems, Inc.
* All rights reserved.
*-----
*/

Found in path(s):

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

/* \$Id\$
* \$Source\$
*-----
* Registry for routing context for RP and LC common code.
*
* September 2009, Derek Yeung

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

Found in path(s):

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

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

Found in path(s):

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

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

Found in path(s):

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

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

Found in path(s):

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

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

Found in path(s):

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

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

Found in path(s):

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


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

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

Found in path(s):

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

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

Found in path(s):

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

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

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

Found in path(s):

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

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

Found in path(s):

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

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

Found in path(s):

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

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

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

Found in path(s):

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

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

```
/*
```

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

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

Found in path(s):

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

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

*/

Found in path(s):

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

/*

*-----

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

*

* November, 2004

*

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

* All rights reserved.

*-----

*

*/

Found in path(s):

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

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

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

*-----

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

*

* Oct 1993 Tony Li

*

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

* All rights reserved.

*-----

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

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

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

* Branch: California_branch

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

* Remove hidden keyword help strings

*

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

* CSCdi45325: Change Keyword/Set to use Keyword_Id macro

*

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

* Remove old entries from the RCS header logs.

*

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

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

Found in path(s):

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

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

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

Found in path(s):

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

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

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

Found in path(s):

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

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

/*

*-----

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

*

* Jan 2006, Mercia Zheng

*

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

* All rights reserved.

*-----

*/

Found in path(s):

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

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

/*

* \$Id\$

* \$Source\$

*-----

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

*

* 15-June-1987, Kirk Lougheed

*

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

* All rights reserved.

*-----

* \$Log\$

*-----

* \$Endlog\$

*/

/*

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

*/

/*

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

AFs and it is not nvgen'ed

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

Found in path(s):

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

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

Found in path(s):

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

```
/* $Id: cfg_router_metric.h,v 3.2 1995/11/17 17:32:13 hampton Exp $
* $Source: /swtcl/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/lfafr_registry.reg
    iprouting_cmn/include/reg/route_map_registry.reg
```

```

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

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

```

```

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

```



```

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

```

```

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

```

```

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

```

Found in path(s):

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

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

```

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

```

Found in path(s):

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

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

/*

*

*-----

* Generic tag list support.

*

* June 2011, Karthik Subramaniam

*

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

* All rights reserved.

*-----

*/

Found in path(s):

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

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

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

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

*-----

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

* routing.

*

* Mar 1995 Tony Li

*

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

* All rights reserved.

*-----

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

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

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

*

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

* Remove old entries from the RCS header logs.

*

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

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

*

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

* CSCdi36227: Fix parse chain alternates

*

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

* CSCdi35889: parser transition structures should be static

*

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

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

*

*-----

* \$Endlog\$

*/

Found in path(s):

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

tar/iprouting_cmn/include/cfg_routemap_match_policy.h

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

/*

*-----

* exec_debug_protofltr.h

*

* Jan 2006, Mercia Zheng

*

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

*

* All Rights Reserved

*-----

*/

Found in path(s):

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

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

/*-----

* route3_parse.h

*

* Route parser functions declarations.

*

* March 2002, Victor Kamensky

*

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

* All rights reserved.

*-----

*/

Found in path(s):

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

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

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

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

*-----

* cfg_int_ip2_routing.h

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

*-----
* \$Log: cfg_int_ip2_routing.h,v \$
* Revision 3.2.60.1 1996/08/12 16:03:24 widmer
* CSCdi65725: Create Eolns macro that defaults csb->which to 0
* Branch: California_branch
* Add Eolns and Nvgenns macro that default csb->which to 0
* Remove hidden keyword help strings

*
* Revision 3.2 1995/11/17 17:31:23 hampton
* Remove old entries from the RCS header logs.

*
* Revision 3.1 1995/11/09
12:04:31 shaker
* Bump version numbers from 2.x to 3.x.

*
* Revision 2.2 1995/08/04 03:07:45 dstine
* CSCdi37681: Need event logging for EIGRP

*
* Revision 2.1 1995/07/01 12:15:32 tli
* CSCdi36508: Rationalize parser file placement, part I
* Rationalize iprouting

*
* Revision 2.1 1995/06/07 22:05:27 hampton
* Bump version numbers from 1.x to 2.x.

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

Found in path(s):

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

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

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

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


```

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

```

Found in path(s):

```

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

```

```

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

```

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

Found in path(s):

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

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

Found in path(s):

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

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

Found in path(s):

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

```

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

```

Found in path(s):

```

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

```

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

```

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

```

```

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

```

Found in path(s):

```

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

```

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

```

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

```

Found in path(s):

```

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

```

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

```

/*
*-----

```

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

Found in path(s):

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

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

Found in path(s):

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

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

Found in path(s):

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

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

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

Found in path(s):

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

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

Found in path(s):

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

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

Found in path(s):

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

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

/* \$Id\$

* \$Source\$

*-----

* Parse chains for router Address Family mode

*

* June 2002, Donnie Savage

*

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

* All rights reserved.

*-----

* \$Log\$

*-----

* \$Endlog\$

*/

Found in path(s):

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

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

/*

*-----

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

*

* July 1998, Wilber Su

*

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

* All rights reserved.

*-----

*/

Found in path(s):

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

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

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

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

*-----

* exec_clear_ip_prefixlist.h

*

* July 1997, Enke Chen

*

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

* All rights reserved.

```

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

```

Found in path(s):

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

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

```

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

```

Found in path(s):

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

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

```

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

```

Found in path(s):

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

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

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

* \$Source: /view/vkoshi-

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

*-----

* Generic prefix list support.

*

* June 1997, Enke Chen

*

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

* All rights reserved.

*-----

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

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

* checkin by port_commit

*

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

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

* Branch: FIB_branch

*

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

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

* Branch: FIB_branch

*

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

* Merge FIB_L3 branch into FIB branch

*

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

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

* Branch: FIB_L3_branch

*

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

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

* Branch: FIB_branch

*

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

* Start with the new file.

*

*-----

* \$Endlog\$

*/

Found in path(s):

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

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

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

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

Found in path(s):

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

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

Found in path(s):

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

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

*/

Found in path(s):

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

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

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

Found in path(s):

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

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

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

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

*

*-----

* \$Endlog\$

*/

Found in path(s):

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

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

/* \$Id\$

* \$Source\$

*-----

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

*

* Apr. 2000, Rex Fernando

*

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

* All rights reserved.

*-----

*/

Found in path(s):

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

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

/*-----

* router_af_parse.c

*

* Route Address Family command and action definitions. Derived from

* router_af_chain.c

*

* May 2002, Victor Kamensky

*

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

* All rights reserved.

*-----

*/

Found in path(s):

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

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

/*

*-----

* ip_prefixlist_chain.c - Parse chains for IP Prefix Lists

*

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

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

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

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

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

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

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

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

* All rights reserved.

*-----

* \$Log\$

*-----

* \$Endlog\$

*/

Found in path(s):

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

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

/* \$Id\$

* \$Source\$

*-----

* cfg_router_summary_addr.h

*

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

*

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

* All rights reserved.

*

* Longer description here.

*-----

* \$Log\$

*-----

* \$Endlog\$

*/

Found in path(s):

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

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

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

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

*-----

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

*

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

* All Rights Reserved

*-----

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

* Revision 3.3.20.1 1996/08/12 16:03:45 widmer

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

* Branch: California_branch

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

```

* Remove hidden keyword help strings
*
* Revision 3.3 1996/02/01 23:33:57 widmer
* CSCdi45325: Change Keyword/Set to use Keyword_Id macro
*
* Revision 3.2 1995/11/17 17:32:14 hampton
* Remove old entries from the RCS header logs.
*
* Revision 3.1
1995/11/09 12:05:42 shaker
* Bump version numbers from 2.x to 3.x.
*
* Revision 2.1 1995/07/01 12:15:55 tli
* CSCdi36508: Rationalize parser file placement, part I
* Rationalize iprouting
*
* Revision 2.1 1995/06/07 22:12:48 hampton
* Bump version numbers from 1.x to 2.x.
*
*-----
* $Endlog$
*/

```

Found in path(s):

```

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

```

```

/*
*-----
* exec_clear_routemap.h -- clear route-map counters
*
* Copyright (c) 1986-2008 by cisco Systems, Inc.
* All rights reserved.
*-----
*/

```

Found in path(s):

```

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

```

```

/*-----
* router_topology_parse.c - Router topology command definitions.
*
* Sept 2004, Mercia Zheng
*
* Copyright (c) 2004-2010, 2019-2020 by cisco Systems, Inc.
* All rights reserved.

```

*-----
*/

Found in path(s):

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

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

/* \$Id: ip_prefixlist.h,v 3.1.2.3 1998/02/23 19:43:44 enkechen Exp \$

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

*-----

* Generic prefix list support.

*

* June 1997, Enke Chen

*

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

* All rights reserved.

*-----

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

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

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

* Branch: FIB_branch

*

* Revision 3.1.2.2 1998/02/11 01:55:34 soma

* Merge FIB_L3 branch into FIB branch

*

* Revision 3.1.2.1.8.1 1998/01/29 01:02:13 enkechen

* CSCdj77191: Reduce several chunk size parameters to save memory

* Branch: FIB_L3_branch

*

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

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

* Branch: FIB_branch

*

* Revision 3.1 1997/12/17 01:46:32 enkechen

* Start with the new file.

*

*-----

* \$Endlog\$

*/

Found in path(s):

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

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

/*

*-----

* route_map_blob.c -- Route Map Subsystem

*
* Aug 2001, Siva Yaragalla
*
* Copyright (c) 2001-2012, 2014-2018 by cisco Systems, Inc.
* All rights reserved.
*-----
*/

Found in path(s):

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

/*
*-----
* iprouting_parser_linkpoints.h - iprouting parser linkpoint decls.
*
* April, 2005
*
* Copyright (c) 2005, 2007-2008, 2015 by cisco Systems, Inc.
* All rights reserved.
*
*-----
*/

Found in path(s):

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

/* \$Id: cfg_ip_routing_routing.h,v 3.3.46.3 1996/08/12 16:03:33 widmer Exp \$
* \$Source: /release/112/cvs/Xsys/iprouting/cfg_ip_routing_routing.h,v \$
*-----
* IP routing routing commands
*
* May 1993, Robert Widmer
*
* Copyright (c) 1993-2000, 2002-2009 by cisco Systems, Inc.
* All rights reserved.
*
*-----
* \$Log: cfg_ip_routing_routing.h,v \$
* Revision 3.3.46.3 1996/08/12 16:03:33 widmer
* CSCdi65725: Create Eolns macro that defaults csb->which to 0
* Branch: California_branch
* Add Eolns and Nvgenns macro that default csb->which to 0
* Remove hidden keyword help strings
*
* Revision 3.3.46.2 1996/06/17 23:33:31 hampton

* Implement the long sought parser "default" keyword. [CSCdi60510]
 * Branch: California_branch
 *
 * Revision 3.3.46.1 1996/04/15 21:17:41 bcole
 *
 CSCdi54649: IP Host Modularity, IP Automatic Stub Routing feature
 * commit
 * Branch: California_branch
 *
 * Revision 3.3 1995/12/10 00:42:36 pst
 * CSCdi38750: Allow static routes with both next hop and interface
 * also add "permanent" keyword for non-flapping static routes
 *
 * Revision 3.2 1995/11/17 17:31:40 hampton
 * Remove old entries from the RCS header logs.
 *
 * Revision 3.1 1995/11/09 12:04:59 shaker
 * Bump version numbers from 2.x to 3.x.
 *
 * Revision 2.4 1995/10/23 18:33:19 pst
 * CSCdi42608: allow IP cache ager to be shut down, make the
 * "ip cache-ager" and "ip cache-invalidate-delay"
 * commands internal only.
 *
 * Revision 2.3 1995/07/13 21:39:05 ahh
 * CSCdi36962: UDP parsing of tacacs-ds port name broken
 * Restore "tacacs-ds" as a keyword, but hide it and map it to TACACS_PORT
 * for backwards compatibility.
 *
 * Revision 2.2 1995/07/11 21:52:08 raj
 * CSCdi36510: parser doesnt accept ip forward-protocol
 udp xdmcp
 * (Actually the parser didn't accept *any* symbolic names in the position
 * of the UDP port number; only numbers. It now uses the UDP_PORT macro
 * instead.
 *
 * Revision 2.1 1995/07/01 12:15:42 tli
 * CSCdi36508: Rationalize parser file placement, part I
 * Rationalize iprouting
 *
 * Revision 2.1 1995/06/07 22:08:34 hampton
 * Bump version numbers from 1.x to 2.x.
 *
 *-----
 * \$Endlog\$
 */

Found in path(s):

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

```
/*-----  
* router_topology_registry.c  
*  
* Router topology registry.  
*  
* Sept 2004, Mercia Zheng  
*  
* Copyright (c) 2004-2005, 2007-2008 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
*/
```

Found in path(s):

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

```
/* $Id$  
* $Source$  
*-----  
* route2.c -- Routing Support: User Interface Routines  
*  
* 22-March-1986, Kirk Lougheed  
*  
* Copyright (c) 1986-2020 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
* $Log$  
*-----  
* $Endlog$  
*/
```

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/route2.c
No license file was found, but licenses were detected in source scan.

```
/* $Id$  
* $Source$  
*-----  
* IP routing parse chains  
*  
* May 1993, Robert Widmer  
*  
* Copyright (c) 1993-2012, 2015-2016 by cisco Systems, Inc.  
* All rights reserved.  
*  
*-----
```

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

Found in path(s):

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

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

Found in path(s):

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

```
/*  
*-----  
* ip_prefixlist_ionblob.c - IP Prefix Lists support for IONized clients  
*  
* January 2002, Siva Yaragalla  
*  
* Copyright (c) 2002-2003, 2005, 2007-2008 by cisco Systems, Inc.  
* All rights reserved.  
*-----  
*/
```

Found in path(s):

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

```
/*-----  
* exec_routing_context.h  
*  
* This file defines the routing-context command syntax.
```

*
* March 2009, Derek Yeung
*
* Copyright (c) 2009-2010, 2015, 2020 by cisco Systems, Inc.
* All rights reserved.
*-----
*/

Found in path(s):

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

/*
*-----
* cfg_router_topology_exit.h - Exit from router topology sub mode.
*
* Sept 2004, Mercia Zheng
*
* Copyright (c) 2004, 2006-2009 by cisco Systems, Inc.
* All rights reserved.
*-----
*/

Found in path(s):

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

/* \$Id: iprouting_init.c,v 1.1 2003/06/13 18:30:09 dsavage Exp dsavage \$
* \$Source: /view/dsavage-CSCdy77097-rip-V123/vob/ios.sys2/sys/iprouting/iprouting_init.c,v \$
*-----
* iprouting_init.c -- initialize IP Routing Protocol support.
*
* 20-August-1985, Kirk Lougheed
*
* Copyright (c) 1985-2012, 2016, 2018-2019 by cisco Systems, Inc.
* All rights reserved.
*-----
* \$Log: iprouting_init.c,v \$
* Revision 1.1 2003/06/13 18:30:09 dsavage
* Initial revision
*
*-----
* \$Endlog\$
*/

Found in path(s):

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

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

```
/* $Id$
 * $Source$
 *-----
 * Address-family command; enters Address Family mode.
 *
 * Sept 1998, Bob Thomas
 *
 * Copyright (c) 1998-1999, 2001-2010, 2012, 2018 by cisco Systems, Inc.
 * All rights reserved.
 *-----
 * $Log$
 *-----
 * $Endlog$
 */
```

Found in path(s):

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

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

```
/*
 *-----
 * cfg_routetag_list.h -- Route Tag List Parser Command
 *
 * June 2011, Karthik Subramaniam
 *
 * Copyright (c) 1997-2001, 2004, 2007-2008, 2011, 2013 by cisco Systems, Inc.
 * All rights reserved.
 *-----
 * $Endlog$
 */
```

Found in path(s):

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

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

```
/* $Id$
 * $Source$
 *-----
 * protofltr.c -- Routing protocol filter manager support routines
 *
 * Jan 2006, Mercia Zheng
 *
 * Copyright (c) 2005-2011, 2020 by cisco Systems, Inc.
 * All rights reserved.
 *-----
```

* \$Log\$

*-----

* \$Endlog\$

*/

Found in path(s):

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

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

/*

*-----

* exec_show_routetag_list.h

*

* Copyright (c) 1993-1996, 1998, 2003-2008, 2011 by cisco Systems, Inc.

* All rights reserved.

*

* Command parsing chain for "show route-tag".

*-----

*

*/

Found in path(s):

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

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

/*

*-----

* Debugging flag declarations for protocol filter manager - ION

*

* Jan 2006, Mercia Zheng

*

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

* All Rights Reserved

*-----

*/

Found in path(s):

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

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

/*

*-----

* ipv4_subsys.c - IPv4 Routing Startup Subsystem

*

* July 2005, Mark Schaefer

*

* Copyright (c) 2005-2010, 2013 by cisco Systems, Inc.

* All rights reserved.

*-----
*/

Found in path(s):

* /opt/cola/permits/1130450046_1615190725.52/0/iproute-254-tar/iprouting_cmn/src/ipv4_subsys.c

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

/*-----

* routemap_internal.c -- Internal funtions of routemap code.

*

* May 2003, Tanya Shastri

*

* Copyright (c) 2003, 2005-2009, 2011-2019 by cisco Systems, Inc.

* All rights reserved.

*-----

*/

Found in path(s):

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

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

/*-----

* iprouting_parse_blob.c

*

* Parser support for IP ROUTING .

* This file implements proxy eols that call iprouting parser remote

* registries.

*

* September 2001, Rashmi Shrivastava

*

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

* All Rights Reserved

*-----

*/

Found in path(s):

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

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

/*

*-----

* policylist_ionized.c - Routines to handle policy-list commands for

*

IONized processes.

*

* November 2003, Siva Yaragalla

*

* Copyright (c) 2003-2005, 2007-2008 by cisco Systems, Inc.

* All rights reserved.


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

Found in path(s):

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

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

```
/* $Id$
```

```
* $Source$
```

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

```
* CFG_ROUTER_OUTPUT_DELAY.H
```

```
*
```

```
* router RIP inter-frame gap subcommand
```

```
*
```

```
* Aug 1996, Dawn Li
```

```
*
```

```
* Copyright (c) 1996, 1998-1999, 2001, 2007-2008 by cisco Systems, Inc.
```

```
* All rights reserved.
```

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

```
* $Log$
```

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

```
* $Endlog$
```

```
*/
```

Found in path(s):

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

1.64 libsemanage-common 2.9-4.el8

1.64.1 Available under license :

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Ty Coon, President of Vice

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1.68 bridgeutils 1.7.1

1.68.1 Available under license :

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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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```
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
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1.74 binutils 2.35.1

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```
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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 want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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[This is the first released version of the library GPL. It is
numbered 2 because it goes with version 2 of the ordinary GPL.]

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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

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

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

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

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

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

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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

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

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

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

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

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

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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

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

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

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

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Version 3, 29 June 2007

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

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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

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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.

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

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- 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.

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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 machine-readable Corresponding Source under the terms of this License, in one of these ways:

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

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

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

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

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

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

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

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

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.
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6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2)

will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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

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

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

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

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

root function must still compute square roots.)

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1.81 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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*/

1.82 openssl 1.1.1l

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1.83 gmp 6.2.0

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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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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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1.87 pciutils 3.9.0

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1.88 less 4.1.3

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```
/**
 * Less - Leaner CSS v4.1.3
 * http://lesscss.org
 *
 * Copyright (c) 2009-2022, Alexis Sellier <self@cloudhead.net>
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 *
 * @license Apache-2.0
 */
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***** */
/*! *****
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```


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***** */

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* /opt/cola/permits/1550489314_1675273249.1374285/0/less-4-1-3-2-tgz/package/dist/less.js

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```

```

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.replace(/[\?&]&livereload=\w+/, ") // Remove LiveReload cachebuster\n  .replace(/^\//, ") //
Remove root\n  .replace(/^[a-zA-Z]+$/, ") // Remove simple extension\n  .replace(/^[^\/\w-]+/g, '-
') // Replace
illegal characters\n  .replace(/[\./g, ':'); // Replace dots with colons(for valid id)\n}\n\nexport
function addDataAttr(options, tag) {\n  if (!tag) {return;} // in case of tag is null or undefined\n  for (const opt in
tag.dataset) {\n    if (tag.dataset.hasOwnProperty(opt)) {\n      if (opt === 'env' || opt === 'dumpLineNumbers'
|| opt === 'rootpath' || opt === 'errorReporting') {\n        options[opt] = tag.dataset[opt];\n      } else {\n
try {\n        options[opt] = JSON.parse(tag.dataset[opt]);\n      } catch (_) {} \n    }\n  }\n}\n\n", "import * as utils from './utils';\n\nexport default {\n  createCSS: function (document, styles, sheet)
{\n    // Strip the query-string\n    const href = sheet.href || ""; \n    // If there is no title set, use the filename,
minus the extension\n    const id = `less:${sheet.title || utils.extractId(href)}`;\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    // 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    // 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    const head =
document.getElementsByTagName('head')[0];\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
    // 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  "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    _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    _listeners: []\n  };\n  };\n  /**\n   * @todo
Document why this abstraction exists, and the relationship between\n   * environment, file managers, and plugin
manager\n   */\n  import logger from './logger';\n  class 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    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    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': '#ffff00',\n    'khaki': '#f0e68c',\n    'lavender': '#e6e6fa',\n    'lavenderblush': '#fff0f5',\n
'lawngreen': '#7cfc00',\n    'lemonchiffon': '#ffffac',\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    'lightsategrey': '#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

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'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 }"};","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\n */\n\nfunction Node (parent) {\n
this.parent = parent;\n this.visibilityBlocks = undefined;\n this.nodeVisible = undefined;\n this.rootNode
= parent;\n this.parsed = null;\n }\n\n Node.prototype.getCurrentFileInfo = function () {\n return this._fileInfo;\n
}\n\n Node.prototype.getIndex = function () {\n return this._index;\n }\n\n Node.prototype.setParent = function (parent) {\n
this.parent = parent;\n }\n\n Node.prototype.isRulesetLike = function () {\n return false;\n }\n\n Node.prototype.toCSS =
function (context, output) {\n return this._value;\n }\n\n Node.prototype.accept = function (visitor) {\n return
visitor.visit(this);\n }\n\n Node.prototype.eval = function () {\n return this;\n }\n\n Node.prototype.operate =
function (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 Node.prototype.fround = function (context, value) {\n const precision = context
.numPrecision;\n // add "\epsilon" to ensure numbers like 1.000000005 (represented as 1.000000004999...) are properly
rounded;\n return (precision) ? Number((value + 2e-16).toFixed(precision)) : value;\n }\n\n Node.prototype.compare =
function (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) && (b.compare) && (a.type === b.type) && (a.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\n if (a.length !== b.length) {\n return undefined;\n }\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\n return 0;\n }\n\n Node.prototype.numericCompare =
function (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 Node.prototype.blocksVisibility = function () {\n if (this.visibilityBlocks
=== null) {\n this.visibilityBlocks = 0;\n }\n\n return this.visibilityBlocks !== 0;\n }\n\n Node.prototype.addVisibilityBlock =
function () {\n if (this.visibilityBlocks === null) {\n this.visibilityBlocks = 0;\n }\n\n this.visibilityBlocks =
this.visibilityBlocks + 1;\n }\n\n Node.prototype.removeVisibilityBlock = function () {\n if (this.visibilityBlocks
=== null) {\n this.visibilityBlocks = 0;\n }\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 Node.prototype.ensureVisibility = function () {\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
Node.prototype.ensureInvisibility = function () {\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 Node.prototype.isVisible = function () {\n return this.nodeVisible;\n }\n\n Node.prototype.visibilityInfo =
function () {\n return {\n visibilityBlocks: this.visibilityBlocks,\n

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nodeVisible:

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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    export default\n    Node;\n\n    \"import Node from './node';\n    import colors from './data/colors';\n\n    // RGB Colors - #ff0014,\n    #eee\n\n    const Color = function(rgb, a, originalForm) {\n        const self = this;\n        // The end goal here, is to\n        parse the arguments\n        // into an integer triplet, such as `128, 255, 0`\n        // This facilitates operations and\n        conversions.\n        // if (Array.isArray(rgb)) {\n        this.rgb = rgb;\n        } else if (rgb.length >= 6) {\n        this.rgb\n        = [];\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,\n                16));\n            } else {\n                self.alpha = (parseInt(c + c, 16)) / 255;\n            }\n        });\n        }\n        this.alpha =\n        this.alpha || (typeof a === 'number' ? a : 1);\n        if (typeof originalForm !== 'undefined') {\n        this.value =\n        originalForm;\n        }\n\n        Color.prototype = Object.assign(new Node(), {\n        type: 'Color',\n\n        luma() {\n        let r\n        = 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 +\n        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 <=\n        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,\n        doNotCompress)\n\n        {\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\n        named color string so we need\n        // to respect this and try to output named color too.\n        alpha =\n        this.fround(context, this.alpha);\n\n        if (this.value) {\n        if (this.value.indexOf('rgb') === 0) {\n        if\n        (alpha < 1) {\n        colorFunction = 'rgba';\n        } else if (this.value.indexOf('hsl') === 0)\n        {\n        if (alpha < 1) {\n        colorFunction = 'hsla';\n        } else {\n        colorFunction =\n        '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        //\n        Values are capped between `0` and `255`, rounded and zero-padded.\n        return\n        `${colorFunction}(${args.join(`, ${compress ? \" : \" : \"`)}`);\n        }\n\n        color = this.toRGB();\n\n        if\n        (compress) {\n        const splitcolor = color.split(\" \");\n        // Convert color to short format\n\n        if (splitcolor[1] === splitcolor[2] && splitcolor[3] === splitcolor[4] && splitcolor[5] === splitcolor[6]) {\n        color = `#${splitcolor[1]}${splitcolor[3]}${splitcolor[5]}`;\n        }\n        }\n\n        return color;\n        },\n\n        }\n\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) +\n        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        {\n        const r = this.rgb[0] / 255, g = this.rgb[1] / 255, b = this.rgb[2] / 255, a = this.alpha;\n\n        const max =\n        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 =\n        max - min;\n\n        if (max === min) {\n        h = s = 0;\n        } else {\n        s = l > 0.5 ? d / (2 - max - min) : d\n        / (max + min);\n\n        switch (max) {\n        case r: h = (g - b) / d + (g < b ? 6 : 0); break;\n        case g:\n        h = (b - r) / d + 2;\n        break;\n        case b: h = (r - g) / d + 4;\n        break;\n        }\n        h /= 6;\n        }\n        return { h: h * 360, s: l, a }; \n        },\n\n        // Adapted from http://mjjackson.com/2008/02/rgb-to-hsl-and-rgb-\n        to-hsv-color-model-conversion-algorithms-in-javascript\n        toHSV() {\n        const r = this.rgb[0] / 255, g =
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```

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    const d = max - min;\n    if (max === 0) {\n        s = 0;\n    } else {\n        s = d / max;\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  toARGB() {\n    return toHex([this.alpha * 255].concat(this.rgb));\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  } else if (key === 'transparent') {\n    c = new Color([0, 0, 0], 0);\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  genCSS(context, output) {\n    output.add('(');\n    this.value.genCSS(context, output);\n    output.add(');\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    {\n      this.value = ' ';\n      this.emptyOrWhitespace = true;\n    } else {\n      this.value = value ? value.trim() :\n";\n      this.emptyOrWhitespace = this.value === ";\n    }\n  }\n\nCombinator.prototype = Object.assign(new Node(), {\n  type: 'Combinator',\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';\n\nimport Paren from './paren';\n\nimport Combinator from './combinator';\n\nconst Element = function(combinator, value, isVisible, index, currentFileInfo, visibilityInfo) {\n  this.combinator = combinator instanceof Combinator ?\n    combinator : new Combinator(combinator);\n  this.value = value.trim();\n  this.isVisible = isVisible;\n  this.index = index;\n  this.fileInfo = currentFileInfo;\n  this.visibilityInfo = visibilityInfo;\n  this.setParent(this.combinator, this);\n}\n\nElement.prototype = Object.assign(new Node(), {\n  type: 'Element',\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  eval(context) {\n    return new Element(this.combinator,\n      this.value.eval ? this.value.eval(context) : this.value,\n      this.isVisible,\n      this.getIndex(),\n      this.fileInfo(), this.visibilityInfo());\n  },\n  clone() {\n    return new Element(this.combinator,\n      this.value,\n      this.isVisible,\n      this.getIndex(),\n      this.fileInfo(), this.visibilityInfo());\n  },\n  genCSS(context, output) {\n    output.add(this.toCSS(context), this.fileInfo(), this.getIndex());\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 === "&")\n      return this.combinator.value.charAt(0) === '&' ?\n        return this.combinator.toCSS(context) + value;\n    }\n  }\n});\n\nexport default Element;\n", "export 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};\n", "/*\r\n\r\n * Returns the object type of the given payload\r\n * @param {*} payload\r\n * @returns {string}\r\n\r\n */\nfunction getType(payload) {\n  return Object.prototype.toString.call(payload).slice(8, -1).replace(/\r\n*/g, '');\n}

```

Returns whether the payload is undefined

```

@param {*} payload
@returns {payload is undefined}
function isUndefined(payload) {
  return getType(payload) === 'Undefined';
}

```

Returns whether the payload is null

```

@param {*} payload
@returns {payload is null}
function isNull(payload) {
  return getType(payload) === 'Null';
}

```

Returns whether the payload is a plain JavaScript object (excluding special classes or objects with other prototypes)

```

@param {*} payload
@returns {payload is Record<string, any>}
function isPlainObject(payload) {
  if (getType(payload) !== 'Object')
    return false;
  return payload.constructor === Object &&
    Object.getPrototypeOf(payload) === Object.prototype;
}

```

Returns whether the payload is a plain JavaScript object (excluding special classes or objects with other prototypes)

```

@param {*} payload
@returns {payload is Record<string, any>}
function isObject(payload) {
  return isPlainObject(payload);
}

```

Returns whether the payload is an empty object (excluding special classes or objects with other prototypes)

```

@param {*} payload
@returns {payload is { [K in any]: never }}
function isEmptyObject(payload) {
  return isPlainObject(payload) && Object.keys(payload).length === 0;
}

```

Returns whether the payload is an any kind of object (including special classes or objects with different prototypes)

```

@param {*} payload
@returns {payload is Record<string, any>}
function isAnyObject(payload) {
  return getType(payload) === 'Object';
}

```

Returns whether the payload is an object like a type passed in <id>

```

Usage: isObjectLike<id: any>(payload) //
will make sure it's an object and has an `id` prop.
@template T this must be passed in <>
@param {*} payload
@returns {payload is T}
function isObjectLike(payload) {
  return isAnyObject(payload);
}

```

Returns whether the payload is a function (regular or async)

```

@param {*} payload
@returns {payload is AnyFunction}
function isFunction(payload) {
  return typeof payload === 'function';
}

```

Returns whether the payload is an array

```

@param {any} payload
@returns {payload is any[]}
function isArray(payload) {
  return getType(payload) === 'Array';
}

```

Returns whether the payload is an array with at least 1 item

```

@param {*} payload
@returns {payload is any[]}
function isArrayFull(payload) {
  return isArray(payload) && payload.length > 0;
}

```

Returns whether the payload is an empty array

```

@param {*} payload
@returns {payload is []}
function isEmptyArray(payload) {
  return isArray(payload) && payload.length === 0;
}

```

Returns whether the payload is a string

```

@param {*} payload
@returns {payload is string}
function isString(payload) {
  return getType(payload) === 'String';
}

```

Returns whether the payload is a string, BUT returns false for ""

```

@param {*} payload
@returns {payload is string}
function isFullString(payload) {
  return isString(payload) && payload !== '';
}

```

Returns whether the payload is ""

```

@param {*} payload
@returns {payload is string}
function isEmptyString(payload) {
  return payload === '';
}

```

Returns whether the payload is a number (but not NaN)

```

This will return `false` for `NaN`!
@param {*} payload
@returns {payload is number}
function isNumber(payload) {
  return getType(payload) === 'Number' &&
    !isNaN(payload);
}

```

Returns whether the payload is a boolean

```

@param {*} payload
@returns {payload is boolean}
function isBoolean(payload) {
  return getType(payload) === 'Boolean';
}

```

Returns whether the payload is a regular expression (RegExp)

```

@param {*} payload
@returns {payload is RegExp}
function isRegExp(payload) {
  return getType(payload) === 'RegExp';
}

```

Returns whether the payload is a Map

```

@param {*} payload
@returns {payload is Map<any, any>}
function isMap(payload) {
  return getType(payload) === 'Map';
}

```

Returns whether the payload is a WeakMap

```

@param {*} payload
@returns {payload is WeakMap<any, any>}
function isWeakMap(payload) {
  return getType(payload) === 'WeakMap';
}

```

Returns whether the payload is a Set

```

@param {*} payload
@returns {payload is Set<any>}
function isSet(payload) {
  return getType(payload) === 'Set';
}

```

Returns whether the payload is a WeakSet

```

@param {*} payload
@returns {payload is WeakSet<any>}
function

```

```

isWeakSet(payload) {\r\n  return getType(payload) === 'WeakSet';\r\n}\r\n/**\r\n * Returns whether the payload is
a Symbol\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 * @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 * @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 * @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 * @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 * @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 * @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    isNaN(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 * @param {*} payload\r\n * @returns {(payload is null | undefined)}\r\n */\r\nfunction
isNullOrUndefined(payload) {\r\n  return isNaN(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 * @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}\r\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 };
", "import { isArray, isPlainObject } from 'is-
what';
\n\n!
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the Apache Version 2.0 License for specific language governing permissions\r\nand limitations under the
License.\r\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\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\n\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\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\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}\n\nimport * as utils from
'./utils';\n\nconst anonymousFunc = /(<anonymous>|Function):((\\d+):(\\d+));\n\n/*\r\n * This is a centralized class of
any error that could be thrown internally (mostly by the parser).\r\n * Besides standard .message it keeps some
additional data like a path to the file where the error\r\n * occurred along with line and column numbers.\r\n */\r\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
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       * \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      this.callLine
= callLine + 1;\n      this.callExtract = lines[callLine];\n      this.extract = [\n        lines[this.line - 2],\n
lines[this.line - 1],\n        lines[this.line]\n      ];\n    }\n\n    if (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\n  LessError.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} ${extract[2]}`, 'grey'));\n  }\n\n  error = `${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  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\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, 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(els, ['selector'], this._index, this._fileInfo, 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      return olen; // return number of matched elements\n    }\n\n    mixinElements() {\n      if (this.mixinElements_) {\n        return this.mixinElements_;\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      return (this.mixinElements_ = elements);\n    }\n\n    isJustParentSelector() {\n      return !this.mediaEmpty && this.elements.length === 1 && this.elements[0].value === '&' && (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) {\n        return e.eval(context);\n      });\n      extendList = extendList && extendList.map(function(extend) {\n        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      }\n\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\n",\n  "import Node from './node';\n  const 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    } else {\n      this.value = value;\n    }\n  };\n\n  Value.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      }\n      if (i + 1 < this.value.length) {\n        output.add((context && context.compress) ? ', ' : ',');\n      }\n    }\n  });\n\nexport default Value;\n\n",\n  "import Node from './node';\n  const Keyword = function(value) {\n    this.value = value;\n  };\n\n  Keyword.prototype = Object.assign(new Node(), {\n    type: 'Keyword',\n\n    genCSS(context, output) {\n      if (this.value === '%') {\n        throw { type: 'Syntax', message: 'Invalid % without number' }; \n      }\n      output.add(this.value);\n    }\n  });\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';\n\nimport Value from './value';\n\nimport Keyword from
 './keyword';\n\nimport Anonymous from './anonymous';\n\nimport * as Constants
from './constants';\n\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(0) === '@') ? '@' : '';\n  this.allowRoot = true;\n  this.setParent(this.value,
this);\n}\n\nDeclaration.prototype = Object.assign(new Node(), {\n  type: 'Declaration',\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  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    // @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      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      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  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;\n", "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  }\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    }}\n}}\n}}line{font-
family:\\\\\\\\00003${ctx.debugInfo.lineNumber}}\n}}\n}}\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\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        {\n            destination[propertiesToCopy[i]] = original[propertiesToCopy[i]];\n        }\n    }\n};\n\n*/\n parse is used
whilst parsing\n */\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};\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;\n\ncontexts.Eval.prototype.mathOn =
true;\n\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

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

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    }\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    for (i = 0; i < rules.length; i++) {\n      if (rules[i].type ===\n      'Import') {\n        importRules = rules[i].eval(context);\n        if (importRules && (importRules.length ||\n        importRules.length === 0)) {\n          rules.splice.apply(rules, [i, 1].concat(importRules));\n          i +=\n          importRules.length - 1;\n        } else {\n          rules.splice(i, 1, importRules);\n        }\n        this.resetCache();\n      }\n    },\n\n    makeImportant() {\n      const result = new Ruleset(this.selectors,\n      this.rules.map(function (r) {\n        if (r.makeImportant) {\n          return r.makeImportant();\n        } else {\n          return r;\n        }\n      }), this.strictImports,\n      this.visibilityInfo());\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 =\n      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\n      = null;\n      this._variables = null;\n      this._properties = null;\n      this._lookups = {};\n    },\n\n    variables()\n    {\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\n          have not been eval'd\n          // so we need to go inside import statements.\n          // guard against root being a\n          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\n              (vars.hasOwnProperty(name)) {\n                hash[name] = r.root.variable(name);\n              }\n            }\n            return hash;\n          }, {});\n        }\n        return this._variables;\n      },\n\n    properties()\n    {\n      if (!this._properties) {\n        this._properties = !this.rules ? {} : this.rules.reduce(function\n        (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 :\n            r.name;\n            // Properties don't overwrite as they can merge\n            if (!hash[`${name}`]) {\n              hash[`${name}`] = [ r ];\n            }\n            else {\n              hash[`${name}`].push(r);\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\n        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\n        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\n        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\n              (err) {\n                decl.parsed = true;\n              }\n              if (result) {\n                decl.value = result[0];\n                decl.important = result[1] || '';\n                decl.parsed =\n                true;\n              }\n            }\n          );\n        }\n        } else {\n          decl.parsed = true;\n        }\n        return decl;\n      }\n    },\n\n    else {\n      return decl;\n    }\n  }\n  if (!Array.isArray(toParse)) {\n    return\n    transformDeclaration.call(self, toParse);\n  }\n  else {\n    const nodes = [];\n    toParse.forEach(function(n) {\n      nodes.push(transformDeclaration.call(self, n));\n    });\n    return\n    nodes;\n  }\n},\n\nrulesets() {\n  if (!this.rules) { return []; }\n  const filtRules = [];\n  const\n  rules = this.rules;\n  let i;\n  let rule;\n  for (i = 0; (rule = rules[i]); i++) {\n    if (rule.isRuleset) {\n      filtRules.push(rule);\n    }\n  }\n  return filtRules;\n},\n\nprependRule(rule) {\n  const\n  rules = this.rules;\n  if (rules) {\n
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        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\nfoundMixins;\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 <\nrule.selectors.length; j++) {\n                match = selector.match(rule.selectors[j]);\n                if (match) {\n                    if (selector.elements.length > match) {\n                        if (!filter || filter(rule)) {\nfoundMixins = rule.find(new Selector(selector.elements.slice(match)), self, filter);\n                            for (let i =\n0; i < foundMixins.length; ++i) {\n                                foundMixins[i].path.push(rule);\n                            }\n                        }\n                    }\n                } else {\n                    rules.push({ rule, path: []});\n                }\n            }\n            break;\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 =\ncontext.compress ? " : Array(context.tabLevel).join('\n        ');\n        let sep;\n\n        let charsetNodeIndex = 0;\n        let importNodeIndex = 0;\n        for (i = 0; (rule =\nthis.rules[i]); i++) {\n            if (rule instanceof Comment) {\n                if (importNodeIndex === i) {\nimportNodeIndex++;\n                    }\n                ruleNodes.push(rule);\n            } else if (rule.isCharset &&\nrule.isCharset()) {\n                ruleNodes.splice(charsetNodeIndex, 0, rule);\n                charsetNodeIndex++;\n            }\n            importNodeIndex++;\n        } else if (rule.type === 'Import') {\n            ruleNodes.splice(importNodeIndex,\n0, 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\nselector, or {\n    if (!this.root) {\n        debugInfo = getDebugInfo(context, this,\ntabSetStr);\n        if (debugInfo) {\n            output.add(debugInfo);\n            output.add(tabSetStr);\n        }\n        const paths = this.paths;\n        const pathCnt = paths.length;\n        let pathSubCnt;\n\n        sep\n= context.compress ? ' : (' : '\\n${tabSetStr}';\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\ncontext.firstSelector = true;\n            path[0].genCSS(context, output);\n            context.firstSelector = false;\n            for (j = 1; j < pathSubCnt; j++) {\n                path[j].genCSS(context, output);\n            }\n        }\n        output.add((context.compress ? ' : ' : '\\n') + tabRuleStr);\n    }\n\n    // Compile rules and rulesets\nfor (i = 0; (rule = ruleNodes[i]); i++) {\n        if\n(i + 1 === ruleNodes.length) {\n            context.lastRule = true;\n        }\n        const currentLastRule =\ncontext.lastRule;\n        if (rule.isRulesetLike(rule)) {\n            context.lastRule = false;\n        }\n        if\n(rule.genCSS) {\n            rule.genCSS(context, output);\n        } else if (rule.value) {\n            output.add(rule.value.toString());\n        }\n        context.lastRule = currentLastRule;\n        if\n(!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\n(!output.isEmpty() && !context.compress && this.firstRoot) {\n        output.add('\\n');\n    }\n}\n\njoinSelectors(paths,\ncontext, selectors) {\n    for (let s = 0; s < selectors.length; s++) {\n        this.joinSelector(paths, context,\nselectors[s]);\n    }\n},\n\n joinSelector(paths, context, selector) {\n    function\ncreateParenthesis(elementsToPak, originalElement) {\n        let replacementParen, j;\n        if\n(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
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    );\n    }\n    replacementParen = new Paren(new Selector(insideParent));\n  }\n  return replacementParen;\n  }\n  function createSelector(containedElement, originalElement)\n  {\n    let element, selector;\n    element = new Element(null, containedElement,\n    originalElement.isVariable, originalElement._index, originalElement._fileInfo);\n    selector = new\n    Selector([element]);\n    return selector;\n  }\n  // joins selector path from `beginningPath` with\n  selector path in `addPath`\n  // `replacedElement` contains element that is being replaced by `addPath`\n  //\n  returns concatenated path\n  function addReplacementIntoPath(beginningPath, addPath, replacedElement,\n  originalSelector) {\n    let newSelectorPath, lastSelector, newJoinedSelector;\n    // our new selector path\n    newSelectorPath = [];\n    // construct the joined selector - if & is the first thing this will be empty,\n    // if not newJoinedSelector will be the last set of\n    elements in the selector\n    if (beginningPath.length > 0) {\n      newSelectorPath =\n      utils.copyArray(beginningPath);\n      lastSelector = newSelectorPath.pop();\n      newJoinedSelector =\n      originalSelector.createDerived(utils.copyArray(lastSelector.elements));\n    }\n    else {\n      newJoinedSelector = originalSelector.createDerived([]);\n    }\n    if (addPath.length > 0) {\n      //\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\n      the parent, then grab that.\n      // this also allows + a { & .b { .a & { ... though not sure why you would want\n      to do that\n      let combinator = replacedElement.combinator;\n      const parentEl =\n      addPath[0].elements[0];\n\n      if (combinator.emptyOrWhitespace && !parentEl.combinator.emptyOrWhitespace) {\n        combinator = parentEl.combinator;\n      }\n      // join the elements so far with the first part of the\n      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 =\n      newJoinedSelector.elements.concat(addPath[0].elements.slice(1));\n    }\n    // now add the joined\n    selector - but only if it is not empty\n    if (newJoinedSelector.elements.length !== 0) {\n      newSelectorPath.push(newJoinedSelector);\n    }\n    // put together the parent selectors after the join\n    (e.g. the rest of the parent)\n    if (addPath.length\n    > 1) {\n      let restOfPath = addPath.slice(1);\n      restOfPath = restOfPath.map(function (selector) {\n        return selector.createDerived(selector.elements, []);\n      });\n      newSelectorPath =\n      newSelectorPath.concat(restOfPath);\n    }\n    return newSelectorPath;\n  }\n  // joins selector\n  path from `beginningPath` with every selector path in `addPaths` array\n  // `replacedElement` contains element\n  that is being replaced by `addPath`\n  // returns array with all concatenated paths\n  function\n  addAllReplacementsIntoPath( beginningPath, addPaths, replacedElement, originalSelector, result) {\n    let j;\n\n    for (j = 0; j < beginningPath.length; j++) {\n      const newSelectorPath =\n      addReplacementIntoPath(beginningPath[j], addPaths, replacedElement, originalSelector);\n      result.push(newSelectorPath);\n    }\n    return\n    result;\n  }\n  function mergeElementsOnToSelectors(elements, selectors) {\n    let i, sel;\n\n    if\n    (elements.length === 0) {\n      return ;\n    }\n    if (selectors.length === 0) {\n      selectors.push([ new Selector(elements) ]);\n      return;\n    }\n    for (i = 0; (sel = selectors[i]);\n    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\n  inside `paths` array\n  // returns true if `inSelector`\n  contained at least one parent selector\n  function replaceParentSelector(paths, context, inSelector) {\n    //\n    The paths are [[Selector]]\n    // The first list is a list of comma separated selectors\n    // The inner list is a\n    list of inheritance separated selectors\n    // e.g.\n    // .a, .b {\n    // .c {\n    // }\n    // }\n  }

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    // == [[.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        maybeSelector = element.value.value;\n        if (!(maybeSelector instanceof Selector)) {\n        return
null;\n        }\n        return maybeSelector;\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        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        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        } else {\n        hadParentSelector
= true;\n        // the new list of selectors to add\n        selectorsMultiplied = [];\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        // 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        // our new selectors has been multiplied, so reset the state\n
newSelectors
= selectorsMultiplied;\n        currentElements = [];\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        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        return hadParentSelector;\n        }\n        function deriveSelector(visibilityInfo, deriveFrom)
{\n        const newSelector = deriveFrom.createDerived(deriveFrom.elements, deriveFrom.extendList,
deriveFrom.evaldCondition);\n        newSelector.copyVisibilityInfo(visibilityInfo);\n

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    return newSelector;\n    }\n\n    // joinSelector code follows\n    let i, newPaths,\n    hadParentSelector;\n\n    newPaths = [];\n    hadParentSelector = replaceParentSelector(newPaths, context,\n    selector);\n\n    if (!hadParentSelector) {\n        if (context.length > 0) {\n            newPaths = [];\n            for (i = 0; i < context.length; i++) {\n                const concatenated = context[i].map(deriveSelector.bind(this,\n    selector.visibilityInfo()));\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\n};\n\nexport default Ruleset;\n", "import Node from './node';\nimport Selector from './selector';\nimport Ruleset\nfrom './ruleset';\nimport\n\nAnonymous 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 =\n    (value instanceof Node) ? value : (value ? new Anonymous(value) : value);\n    if (rules) {\n        if\n    (Array.isArray(rules)) {\n            this.rules = rules;\n        } else {\n            this.rules = [rules];\n        }\n\n        this.rules[0].selectors = (new Selector([], null, null, index, currentFileInfo)).createEmptySelectors();\n    }\n\n    for (i = 0; i < this.rules.length; i++) {\n        this.rules[i].allowImports = true;\n    }\n\n    this.setParent(this.rules, this);\n    this._index = index;\n    this._fileInfo = currentFileInfo;\n    this.debugInfo =\n    debugInfo;\n    this.isRooted = isRooted || false;\n    this.copyVisibilityInfo(visibilityInfo);\n    this.allowRoot =\n    true;\n}\n\nAtRule.prototype = Object.assign(new\n    Node(), {\n    type: 'AtRule',\n    accept(visitor) {\n        const value = this.value, rules = this.rules;\n        if (rules)\n        {\n            this.rules = visitor.visitArray(rules);\n        }\n        if (value) {\n            this.value = visitor.visit(value);\n        }\n    },\n    isRulesetLike() {\n        return this.rules || !this.isCharset();\n    },\n    isCharset() {\n        return\n    '@charset' === this.name;\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        }\n    }\n    else {\n        output.add(';');\n    }\n    },\n    eval(context) {\n        let mediaPathBackup, mediaBlocksBackup,\n        value = this.value, rules = this.rules;\n        // media stored inside\n        other atrule should not bubble over it\n        // backup media bubbling information\n        mediaPathBackup =\n        context.mediaPath;\n        mediaBlocksBackup = context.mediaBlocks;\n        // deleted media bubbling\n        information\n        context.mediaPath = [];\n        context.mediaBlocks = [];\n\n        if (value) {\n            value =\n            value.eval(context);\n        }\n        if (rules) {\n            // assuming that there is only one rule at this point - that is\n            how parser constructs the rule\n            rules = [rules[0].eval(context)];\n            rules[0].root = true;\n        }\n        //\n        restore media bubbling information\n        context.mediaPath = mediaPathBackup;\n        context.mediaBlocks =\n        mediaBlocksBackup;\n\n        return new AtRule(this.name, value, rules,\n            this.getIndex(), this.fileInfo(),\n            this.debugInfo, this.isRooted, this.visibilityInfo());\n    },\n    variable(name) {\n        if (this.rules) {\n            //\n            assuming that there is only\n            one rule at this point - that is how parser constructs the rule\n            return\n            Ruleset.prototype.variable.call(this.rules[0], name);\n        }\n    },\n    find() {\n        if (this.rules) {\n            //\n            assuming that there is only one rule at this point - that is how parser constructs the rule\n            return\n            Ruleset.prototype.find.apply(this.rules[0], arguments);\n        }\n    },\n    rulesets() {\n        if (this.rules) {\n            //\n            assuming that there is only one rule at this point - that is how parser constructs the rule\n            return\n            Ruleset.prototype.rulesets.apply(this.rules[0]);\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        // Non-compressed\n        const tabSetStr = `\\n${Array(context.tabLevel).join(' ')}`,\n        tabRuleStr = `${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            }\n        }\n    }\n    }\n});\n\nexport default Ruleset;\n";

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rules[i].genCSS(context, output);\n        }\n        output.add(`${tabSetStr}`);\n    }\n\n    context.tabLevel--;\n    });\n\n    \nextport default ATRule;\n    ", "import Node from './node';\n    \nimport contexts from './contexts';\n    \nimport * as utils from './utils';\n    \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\n    \nextport default DetachedRuleset;\n    ", "import Node from './node';\n    \nimport unitConversions from './data/unit-conversions';\n    \nimport * as utils from './utils';\n    \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('^([p|x|m|e|x|c|h|r|m|j|n|c|m|mm|pc|pt|e|x|v|v|h|v|m|n|v|m|x|s|$', '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        for (i = 0; i < this.numerator.length; i++) {\n            this.numerator[i] = callback(this.numerator[i], false);\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            return atomicUnit;\n        };\n\n        for (groupName in unitConversions) {\n            if (unitConversions.hasOwnProperty(groupName)) {\n                group = unitConversions[groupName];\n                this.map(mapUnit);\n            }\n        }\n        return result;\n    },\n\n    cancel() {\n        const counter = {};\n        let atomicUnit;\n        let i;\n        for (i = 0; i < this.numerator.length; i++) {\n            atomicUnit = this.numerator[i];\n            counter[atomicUnit] = (counter[atomicUnit] || 0) + 1;\n        }\n        for (i = 0; i < this.denominator.length; i++) {\n            atomicUnit = this.denominator[i];\n            counter[atomicUnit] = (counter[atomicUnit] || 0) - 1;\n        }\n        this.numerator = [];\n        this.denominator = [];\n\n        for (atomicUnit in counter) {\n            if (counter.hasOwnProperty(atomicUnit)) {\n                const count = counter[atomicUnit];\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        this.numerator.sort();\n        this.denominator.sort();\n    }\n});\n\n    \nextport default Unit;\n    ", "import Node from './node';\n    \nimport unitConversions from './data/unit-conversions';\n    \nimport Unit from './unit';\n    \nimport Color

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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.');

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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\nfrom './dimension';\nimport * as Constants from './constants';\nconst MATH = Constants.Math;\n\nconst\nOperation = function(op, operands, isSpaced) {\n  this.op = op.trim();\n  this.operands = operands;\n\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 =\nthis.operands[0].eval(context), b = this.operands[1].eval(context), op;\n\n    if (context.isMathOn(this.op)) {\n      op = this.op === '/'\n? '/' : this.op;\n      if (a instanceof Dimension && b instanceof Color) {\n        a = a.toColor();\n      }\n      if\n(b instanceof Dimension && a instanceof Color) {\n        b = b.toColor();\n      }\n      if\n(!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\nOperation(this.op, [a, b], this.isSpaced);\n        }\n        throw { type: 'Operation',\n          message:\n'Operation on an invalid type' };\n      }\n      return a.operate(context, op, b);\n    } else {\n      return\nnew 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\n './node';\nimport Paren from './paren';\nimport Comment from './comment';\nimport Dimension from\n './dimension';\n\nconst Expression = function(value, noSpacing) {\n  this.value = value;\n  this.noSpacing =\nnoSpacing;\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 =\ncontext.isMathOn();\n    const inParenthesis = this.parens;\n    let doubleParen = false;\n    if\n(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{\n      if (this.value[0].parens && !this.value[0].parensInOp && !context.inCalc) {\n        doubleParen =\ntrue;\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\n&& !mathOn && !doubleParen\n&& !(returnValue instanceof Dimension)) {\n      returnValue = new\nParen(returnValue);\n    }\n    return returnValue;\n  },\n\n  genCSS(context, output) {\n    for (let i = 0; i <\nthis.value.length; i++) {\n      this.value[i].genCSS(context, output);\n      if\n(!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\nComment);\n    });\n  }\n});\n\nexport default Expression;\n", "import Expression from\n './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\n= 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 =>\na.eval(this.context));\n    }\n    const commentFilter\n= item => !(item.type === 'Comment');\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=> {\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          }\n        }\n      })\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,\n...args);\n    }\n\n    return this.func(...args);\n  }\n}\n\nexport default functionCaller;\n", "/*!\n*****\r\nCopyright (c)\nMicrosoft Corporation.\r\n\r\nPermission to use, copy, modify, and/or distribute this software for any\r\npurpose\nwith or without fee is hereby granted.\r\n\r\nTHE SOFTWARE IS PROVIDED \"AS IS\" AND THE AUTHOR\nDISCLAIMS ALL WARRANTIES WITH\r\nREGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED\nWARRANTIES OF MERCHANTABILITY\r\nAND FITNESS. IN NO EVENT SHALL THE AUTHOR BE\nLIABLE FOR ANY SPECIAL, DIRECT,\r\nINDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY\nDAMAGES WHATSOEVER RESULTING FROM\r\nLOSS OF USE, DATA OR PROFITS, WHETHER IN AN\nACTION OF CONTRACT, NEGLIGENCE OR\r\nOTHER TORTIOUS ACTION, ARISING OUT OF OR IN\nCONNECTION WITH THE USE OR\r\nPERFORMANCE OF THIS\nSOFTWARE.\r\n*****\n*/\n\n* global Reflect, Promise *\n\nvar extendStatics = function(d, b) {\n  extendStatics\n  = Object.setPrototypeOf ||\n    ({ __proto__: [] } instanceof Array && function(d, b) { d.__proto__ = b; }) ||\n    function(d, b) {\n      for (var p in b) if (Object.prototype.hasOwnProperty.call(b, p)) d[p] = b[p];\n    };\n  return\n  extendStatics(d, b);\n};\n\nexport function __extends(d, b) {\n  if (typeof b !== \"function\" && b !==\nnull)\n  throw new TypeError(\"Class extends value \" + String(b) + \" is not a constructor or null\");\n  extendStatics(d, b);\n  function __() {\n    this.constructor = d;\n  }\n  d.prototype = b === null ? Object.create(b) :\n  (__proto__ = b.prototype, new __());\n}\n\nexport var __assign = function() {\n  __assign = Object.assign\n  || function __assign(t) {\n    for (var s, i = 1, n = arguments.length; i < n; i++) {\n      s = arguments[i];\n      for (var p in s) if (Object.prototype.hasOwnProperty.call(s, p)) t[p] = s[p];\n    }\n    return t;\n  };\n  return __assign.apply(this,\n  arguments);\n};\n\nexport function __rest(s, e) {\n  var t = {};\n  for (var p in s) if\n  (Object.prototype.hasOwnProperty.call(s, p) && e.indexOf(p) < 0)\n    t[p] = s[p];\n  if (s != null && typeof\n  Object.getOwnPropertySymbols === \"function\")\n    for (var i = 0, p = Object.getOwnPropertySymbols(s); i <\n  p.length; i++) {\n      if (e.indexOf(p[i]) < 0 && Object.prototype.propertyIsEnumerable.call(s, p[i]))\n        t[p[i]] = s[p[i]];\n    }\n  return t;\n};\n\nexport function __decorate(decorators, target, key, desc) {\n  var c = arguments.length, r = c < 3 ? target : desc === null ? desc = Object.getOwnPropertyDescriptor(target, key) :\n  desc, d;\n  if (typeof Reflect === \"object\" && typeof Reflect.decorate === \"function\") r =\n  Reflect.decorate(decorators, target, key, desc);\n  else for (var i = decorators.length - 1; i >= 0; i--) if (d =\n  decorators[i]) r = (c < 3 ? d(r) : c > 3 ? d(target, key,\n  r) : d(target, key)) || r;\n  return c > 3 && r && Object.defineProperty(target, key, r, r);\n}\n\nexport\n  function __param(paramIndex, decorator) {\n    return function(target, key) {\n      decorator(target, key, paramIndex);\n    };\n  }\n\n  export function __metadata(metadataKey, metadataValue) {\n    if (typeof Reflect === \"object\" &&\n  typeof Reflect.metadata === \"function\") return Reflect.metadata(metadataKey, metadataValue);\n  }\n\n  export function __awaiter(thisArg, _arguments, P, generator) {\n    function adopt(value) {\n      return value instanceof P ?\n  value : new P(function(resolve) {\n        resolve(value);\n      });\n    }\n    return new (P || (P = Promise))(function(resolve, reject)\n  {\n      function fulfilled(value) {\n        try {\n          step(generator.next(value));\n        } catch (e) {\n          reject(e);\n        }\n      }\n      function\n  rejected(value) {\n        try {\n          step(generator[\"throw\"](value));\n        } catch (e) {\n          reject(e);\n        }\n      }\n      function\n  step(result) {\n        result.done ? resolve(result.value) : adopt(result.value).then(fulfilled,\n  rejected);\n      }\n      step((generator = generator.apply(thisArg, _arguments || [])).next());\n    });\n  }\n}\n\nexport\n  function __generator(thisArg, body) {\n    var _ = { label: 0, sent: function() {\n      if (t[0] & 1) throw t[1];\n      return t[1];\n    },\n  trys: [], ops: [] }, f, y, t, g;\n    return g = { next: verb(0), \"throw\": verb(1), \"return\": verb(2) },\n  typeof Symbol === \"function\" && (g[Symbol.iterator] = function() {\n    return this;\n  });\n    function verb(n) {\n      return function(v) {\n        return\n  step([n, v]);\n      };\n    }\n    function step(op) {\n      if (f) throw new\n  TypeError(\"Generator is already\n  executing.\");\n      while (_ try {\n        if (f = 1, y && (t = op[0] & 2 ? y[\"return\"] : op[0] ? y[\"throw\"] ||

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

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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    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        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            }; \n            filename: this.fileInfo().filename, \n            index: this.getIndex() }; \n        } \n\n        this.evaluating = true; \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                } \n                else {\n                    return v.value.eval(context); \n                } \n            } \n            if (variable) {\n                this.evaluating = false; \n                return variable; \n            } \n            else {\n                throw { type: 'Name', \n                    message: `variable ${name} is undefined` \n                }; \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}; \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 ${name}` \n            }; \n            filename: this.fileInfo().filename, \n            index: this.getIndex() }; \n        } \n\n        this.evaluating = true; \n        property = this.find(context.frames, function (frame) {\n            let v; \n            const vArr = frame.property(name); \n            if (vArr) {\n                for (let i = 0; i < vArr.length; i++) {\n                    v = vArr[i]; \n                    vArr[i] = new Declaration(v.name, v.value, v.important, v.merge, v.index, v.currentFileInfo, v.inline, v.variable); \n                } \n                mergeRules(vArr); \n                v = vArr[vArr.length - 1]; \n                if (v.important) {\n                    const importantScope = context.importantScope[context.importantScope.length - 1]; \n                    importantScope.important = v.important; \n                } \n                v = v.value.eval(context); \n                return v; \n            } \n        }); \n\n        if (property) {\n            this.evaluating = false; \n            return property; \n        } \n        else {\n            throw { type: 'Name', \n                message: `Property '${name}' is undefined` \n            }; \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            if (this.op) {\n                value += this.op; \n                value += (this.value.toCSS ? this.value.toCSS(context) : this.value); \n            } \n            if (this.cif) {\n                value = value + \"\n\" + this.cif; \n            } \n            return `[$${value}]`; \n        } \n    }); \n}; \n\nexport default Attribute; \n", "import Node from

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./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, replacementFunc)
{\n      let evaluatedValue = value;\n      do {\n        value = evaluatedValue.toString();\n
evaluatedValue = value.replace(regexp, replacementFunc);\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\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      // 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    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

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(this.features) {\n      this.features = visitor.visit(this.features);\n      }\n      if (this.rules) {\n      this.rules = visitor.visitArray(this.rules);\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    eval(context) {\n      if (!context.mediaBlocks) {\n      context.mediaBlocks = [];\n      context.mediaPath = [];\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      media.features = this.features.eval(context);\n      context.mediaPath.push(media);\n      context.mediaBlocks.push(media);\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      context.mediaPath.pop();\n      return context.mediaPath.length === 0 ? media.evalTop(context) :\n      media.evalNested(context);\n    },\n    evalTop(context) {\n      let result = this;\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      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      // 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      // Trace all permutations to generate the resulting media-query.\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      for (i = path.length - 1; i > 0; i--) {\n      path.splice(i, 0, new Anonymous('and'));\n      }\n      return new Expression(path);\n      }));\n      this.setParent(this.features, this);\n      // Fake a tree-node that doesn't output anything.\n      return new Ruleset([], []);\n    },\n    permute(arr) {\n      if (arr.length === 0) {\n      return [];\n      }\n      else if (arr.length === 1) {\n      return arr[0];\n      }\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    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    }\n  }\n\nexport default Media;\n\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// CSS @import node\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\n    if (pathValue && /[#\.\&\\?]\.css(?:[?;].*)?$/i.test(pathValue)) {\n      this.css = true;\n    }\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  accept(visitor) {\n    if (this.features) {\n      this.features = visitor.visit(this.features);\n    }\n    this.path = visitor.visit(this.path);\n\n    if (!this.options.isPlugin && !this.options.inline && this.root) {\n      this.root = visitor.visit(this.root);\n    }\n  }\n});

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

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    }\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 `[${obj.value.map(function (v) { return
v.toCSS(); }).join(', ')}]`;
    } else {\n        return obj.toCSS();\n    }\n});\n\nexport default
JsEvalNode;\n", "import JsEvalNode from './js-eval-node';\n\nimport Dimension from './dimension';\n\nimport
Quoted from './quoted';\n\nimport Anonymous from './anonymous';\n\nconst JavaScript = function(string, escaped,
index, currentFileInfo) {\n    this.escaped = escaped;\n    this.expression = string;\n    this._index = index;\n
this._fileInfo = currentFileInfo;\n}\n\nJavaScript.prototype = Object.assign(new JsEvalNode(), {\n    type:
'JavaScript',\n\n    eval(context) {\n        const result = this.evaluateJavaScript(this.expression, context);\n        const
type = typeof result;\n\n        if (type === 'number' && !isNaN(result)) {\n            return new Dimension(result);\n
        } else if (type === 'string') {\n            return new Quoted(`"${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';\n\nimport
Operation from './operation';\n\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';\n\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\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        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        this.selfSelectors = [new
Selector(selfElements)];\n        this.selfSelectors[0].copyVisibilityInfo(this.visibilityInfo());\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
${this.variable}` });\n\n        if (!detachedRuleset.ruleset) {\n            if (detachedRuleset.rules) {\n                rules =
detachedRuleset;\n            }\n            else if (Array.isArray(detachedRuleset)) {\n                rules = new Ruleset(",
detachedRuleset);\n            }\n            else if (Array.isArray(detachedRuleset.value)) {\n                rules = new
Ruleset(", detachedRuleset.value);\n            }\n            else {\n                throw error;\n            }\n            detachedRuleset = new
DetachedRuleset(rules);\n        }\n        if (detachedRuleset.ruleset) {\n            return
detachedRuleset.callEval(context);\n        }\n        throw error;\n    });\n\nexport default VariableCall;\n", "import
Node from './node';\nimport Variable from './variable';\nimport Ruleset from './ruleset';\nimport Selector from
'./selector';\n\nconst NamespaceValue = function(ruleCall, lookups, index, fileInfo) {\n    this.value = ruleCall;\n    this.lookups = lookups;\n    this._index = index;\n    this._fileInfo = fileInfo;\n};\n\nNamespaceValue.prototype =
Object.assign(new Node(), {\n    type: 'NamespaceValue',\n\n    eval(context) {\n        let i, j, name, rules =
this.value.eval(context);\n\n        for (i = 0; i < this.lookups.length; i++) {\n            name = this.lookups[i];\n\n            /**\n             * Eval'd DRs return rulesets.\n\n             * Eval'd mixins return rules, so let's make a ruleset if we need it.\n             * We need to do this because of late
parsing of values\n             */\n            if (Array.isArray(rules)) {\n                rules = new Ruleset([new Selector()],
rules);\n            }\n            if (name === ") {\n                rules = rules.lastDeclaration();\n            }\n            else if
(name.charAt(0) === '@') {\n                if (name.charAt(1) === '@') {\n                    name = `@${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 ${name} not found`,\n                    filename: this.fileInfo().filename,\n                    index: this.getIndex() }; \n                }\n                else\n                {\n                    if (name.substring(0, 2) === '$@') {\n                        name = `${name.substr(1).eval(context).value}`;\n                    }\n                    else {\n                        name = name.charAt(0)
=== '$' ? 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                \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

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'./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    } else {\n
optionalParameters.push(p.name);\n      return count;\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    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    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    if (args) {\n      args = utils.copyArray(args);\n      argsLength =
args.length;\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
        } else {\n          throw { type: 'Runtime', message: `Named argument for
${this.name} ${args[i].name} not found` };\n        }\n      }\n      argIndex = 0;\n
      for (i = 0; i < params.length; i++) {\n        if (evaldArguments[i]) { continue; }\n        arg = args &&
args[argIndex];\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)));
          } 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              } 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            frame.prependRule(new Declaration(name, val));\n
            evaldArguments[i] = val;\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      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

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= [];\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        {\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    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\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\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                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)
{\n            return rule.matchArgs(null, context);\n        };\n\n        for (i = 0; i < context.frames.length; i++) {\n            if ((mixins =

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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        if (mixin.matchArgs(args, context)) {\n            candidate = { mixin, group: calcDefGroup(mixin, mixinPath)};\n            if (candidate.group !== defFalseEitherCase) {\n                candidates.push(candidate);\n                match = true;\n            }\n            defaultFunc.reset();\n            count = [0, 0, 0];\n            for (m = 0; m < candidates.length; m++) {\n                count[candidates[m].group]++;\n            }\n            if (count[defNone] > 0) {\n                defaultResult = defFalse;\n            } else {\n                defaultResult = defTrue;\n            }\n            if ((count[defTrue] + count[defFalse]) > 1) {\n                throw { type: 'Runtime',\n                    message: `Ambiguous use of \\`default()\\` found when matching for \\`${this.format(args)}\\`,\n                    index: this.getIndex(), filename: this.fileInfo().filename };\n            }\n        }\n        for (m = 0; m < candidates.length; m++) {\n            candidate = candidates[m].group;\n            if ((candidate === defNone) || (candidate === defaultResult)) {\n                try {\n                    mixin = candidates[m].mixin;\n                    if (!(mixin instanceof MixinDefinition)) {\n                        originalRuleset = mixin.originalRuleset || mixin;\n                        mixin = new MixinDefinition("", [], mixin.rules, null, false, null, originalRuleset.visibilityInfo());\n                    }\n                    mixin.originalRuleset = originalRuleset;\n                }\n                const newRules = mixin.evalCall(context, args, this.important).rules;\n                this._setVisibilityToReplacement(newRules);\n                Array.prototype.push.apply(rules, newRules);\n            }\n        }\n        } catch (e) {\n            throw { message: e.message, index: this.getIndex(), filename: this.fileInfo().filename, stack: e.stack };\n        }\n    }\n    if (match) {\n        return rules;\n    }\n    if (isOneFound) {\n        throw { type: 'Runtime',\n            message: `No matching definition was found for \\`${this.format(args)}\\`,\n            index: this.getIndex(), filename: this.fileInfo().filename };\n    } else {\n        throw { type: 'Name',\n            message: `${this.selector.toCSS().trim()} is undefined`,\n            index: this.getIndex(), filename: this.fileInfo().filename };\n    }\n}\n\n_setVisibilityToReplacement(replacement) {\n    let i, rule;\n    if (this.blocksVisibility()) {\n        for (i = 0; i < replacement.length; i++) {\n            rule = replacement[i];\n            rule.addVisibilityBlock();\n        }\n    }\n}\n\nformat(args) {\n    return `${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\nexport default MixinCall;\n\nimport 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

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'./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  tryAppendExtension(path, ext) {\n    return
/(\\.[a-z]*$)([\\?;].*)$/.test(path) ? path : path + ext;\n  }\n  tryAppendLessExtension(path) {\n    return
this.tryAppendExtension(path, '.less');\n  }\n  supportsSync()\n  {\n    return false;\n  }\n  alwaysMakePathsAbsolute() {\n    return false;\n  }\n  isPathAbsolute(filename) {\n    return /^(?:[a-z-]+:|\\|\\|\\|\\|#|/i).test(filename);\n  }\n  // TODO: pull out /
replace?\n  join(basePath, laterPath) {\n    if (!basePath) {\n      return laterPath;\n    }\n    return
basePath + laterPath;\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])\n      {\n        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 += `${urlDirectories[i]}/`;\n      }\n      return diff;\n
}\n\n  // helper function, not part of API\n  extractUrlParts(url, baseUrl) {\n    // urlParts[1] =
protocol://hostname/ OR ^\n    // urlParts[2] = / if path relative to host base\n    // urlParts[3] = directories\n
// urlParts[4] = filename\n    // urlParts[5] = parameters\n    const urlPartsRegex = /^(?:[a-z-
]+:)?(?:\\|\\|\\|\\|#|/)?(?:[\\|\\|\\|\\|#|/]?)*([\\|\\|\\|\\|#|/]?)*([\\|\\|\\|\\|#|/]?)*([\\|\\|\\|\\|#|/]?)*$/i;\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      // collapse '..'
and skip '.'\n      for (i = 0; i < rawDirectories.length; i++) {\n        if (rawDirectories[i] === '..') {\n
directories.pop();\n        }\n        else\n        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  evalPlugin(contents, context, imports, pluginOptions, fileInfo)

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

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true };let _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\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
if (func !== _noop) {\n      const newNode = func.call(impl, node, visitArgs);\n      if (node &&
impl.isReplacing) {\n        node = newNode;\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        } 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
      // 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      // Replacing\n      const out =
[];\n      for (i = 0; i < cnt; i++) {\n        const evald = this.visit(nodes[i]);\n        if (evald ===
undefined) {\n          continue;\n        }\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
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
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\n      return out;\n    }\n}\n\nexport default Visitor;\n",\n\nclass 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 =

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this.variableImports[0];\n      this.variableImports = this.variableImports.slice(1);\nvariableImport();\n      }\n    } finally {\n      this._currentDepth--;\n    }\n    if (this._currentDepth\n=== 0 && this._onSequencerEmpty) {\n      this._onSequencerEmpty();\n    }\n  }\n}\n\nexport default\nImportSequencer;\n", "import contexts from './contexts';\nimport Visitor from './visitor';\nimport ImportSequencer\nfrom './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 =\nnew contexts.Eval();\n  this.importCount = 0;\n  this.onceFileDetectionMap = {};\n  this.recursionDetector =\n{};\n  this._sequencer = new\nImportSequencer(this._onSequencerEmpty.bind(this));\n};\n\nImportVisitor.prototype = {\n  isReplacing: false,\nrun: function (root) {\n  try {\n    // process the contents\n    this._visitor.visit(root);\n  }\n  catch (e) {\n    this.error = e;\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 =\nimportNode.options.inline;\n    if (!importNode.css || inlineCSS) {\n      const context = new\ncontexts.Eval(this.context,\nutils.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\n    visitArgs.visitDeeper = false;\n  },\n  processImportNode: function(importNode, context, importParent) {\n    let evaldImportNode;\n    const inlineCSS = importNode.options.inline;\n    try {\n      evaldImportNode =\nimportNode.evalForImport(context);\n    } catch (e) {\n      if (!e.filename) { e.index = importNode.getIndex();\ne.filename = importNode.fileInfo().filename; }\n      // attempt to eval properly and treat as css\n      importNode.css = true;\n      // if that fails, this error will\n      be thrown\n      importNode.error = e;\n    }\n\n    if (evaldImportNode && (!evaldImportNode.css ||\ninlineCSS)) {\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 =\n      evaldImportNode.css === undefined;\n      for (let i = 0; i < importParent.rules.length; i++) {\n        if\n(importParent.rules[i] === importNode) {\n          importParent.rules[i] = evaldImportNode;\n          break;\n        }\n      }\n      const onImported = this.onImported.bind(this, evaldImportNode, context),\nsequencedOnImported = this._sequencer.addImport(onImported);\n\n      this._importer.push(evaldImportNode.getPath(), tryAppendLessExtension, evaldImportNode.fileInfo(),\n      evaldImportNode.options, sequencedOnImported);\n    } else\n    {\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();\n        e.filename = importNode.fileInfo().filename;\n      }\n      this.error = e;\n    }\n\n    const importVisitor = this,\n      inlineCSS =\nimportNode.options.inline,\n      isPlugin = importNode.options.isPlugin,\n      isOptional =\nimportNode.options.optional,\n      duplicateImport = importedAtRoot || fullPath in\nimportVisitor.recursionDetector;\n\n    if (!context.importMultiple) {\n      if (duplicateImport) {\n        importNode.skip = true;\n      } else {\n        importNode.skip = function() {\n          if (fullPath in\nimportVisitor.onceFileDetectionMap) {\n            return true;\n          }\n          importVisitor.onceFileDetectionMap[fullPath] = true;\n          return false;\n        };\n      }\n    }\n\n    if (!fullPath && isOptional) {\n      importNode.skip =\ntrue;\n    }\n\n    if (root) {\n      importNode.root = root;\n      importNode.importedFilename =\nfullPath;\n    }\n\n    if (!inlineCSS && !isPlugin && (context.importMultiple || !duplicateImport)) {\n      importVisitor.recursionDetector[fullPath] = true;\n      const oldContext = this.context;\n      this.context = context;\n      try {\n        this._visitor.visit(root);\n      } catch (e) {\n
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this.error = e;\n          }\n          this.context = oldContext;\n          }\n          }\nimportVisitor.importCount--;\n          if (importVisitor.isFinished) {\n          importVisitor._sequencer.tryRun();\n          }\n          },\n          visitDeclaration: function (declNode, visitArgs) {\n          if (declNode.value.type ===\n'DetachedRuleset') {\n          this.context.frames.unshift(declNode);\n          } else {\n          visitArgs.visitDeeper =\nfalse;\n          }\n          },\n          visitDeclarationOut: function(declNode) {\n          if (declNode.value.type ===\n'DetachedRuleset') {\n          this.context.frames.shift();\n          }\n          },\n          visitAtRule: function (atRuleNode,\nvisitArgs) {\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\n(mixinDefinitionNode) {\n          this.context.frames.shift();\n          },\n          visitRuleset: function (rulesetNode, visitArgs)\n{\n          this.context.frames.unshift(rulesetNode);\n          },\n          visitRulesetOut: function (rulesetNode) {\n          this.context.frames.shift();\n          },\n          visitMedia: function\n(mediaNode, visitArgs) {\n          this.context.frames.unshift(mediaNode.rules[0]);\n          },\n          visitMediaOut: function\n(mediaNode) {\n          this.context.frames.shift();\n          };\n}\n\nexport default ImportVisitor;\n","class\nSetTreeVisibilityVisitor {\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 =\nnodes.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{\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\nSetTreeVisibilityVisitor;","import tree from './tree';\nimport Visitor from './visitor';\nimport logger from\n'./logger';\nimport * as utils from './utils';\n\n/*\n * jshint loopfunc:true *\n */\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\nroot;\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,\nvisitArgs) {\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\nin this ruleset\n    const rules = rulesetNode.rules, ruleCnt = rules ? rules.length : 0;\n    for (i = 0; i < ruleCnt;\ni++) {\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\nextends that apply to all extends\n    // and the ones which apply to an individual extend\n    const paths =\nrulesetNode.paths;\n    for (i = 0; i < paths.length; i++) {\n      const selectorPath = paths[i], selector =\nselectorPath[selectorPath.length - 1], selExtendList = selector.extendList;\n      extendList = selExtendList\n? utils.copyArray(selExtendList).concat(allSelectorsExtendList)\n: allSelectorsExtendList;\n      if\n(extendList) {\n        extendList = extendList.map(function(allSelectorsExtend) {\n          return\nallSelectorsExtend.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) {\n          extend.firstExtendOnThisSelectorPath = true;\n        }\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{\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

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this.allExtendsStack.length = this.allExtendsStack.length - 1;\n  }\n}\n\nclass ProcessExtendsVisitor {\n
constructor() {\n  this._visitor = new Visitor(this);\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}
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    if (!indices['${extend.index} ${selector}'])\n
{\n      indices['${extend.index} ${selector}'] = true;\n      logger.warn(`extend '${selector}' has no
matches`);\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,\n
altering\n  // and pasting the selector we would do normally,\n  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  let extendIndex;\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  iterationCount = iterationCount || 0;\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;\n
extendIndex++) {\n    for (targetExtendIndex = 0; targetExtendIndex < extendsListTarget.length;\n
targetExtendIndex++) {\n      extend = extendsList[extendIndex];\n      targetExtend =
extendsListTarget[targetExtendIndex];\n      // look for circular references\n      if (\n
extend.parent_ids.indexOf( targetExtend.object_id ) >= 0 ) { continue; }\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
      if (matches.length) {\n        extend.hasFoundMatches = true;\n        // we found a match,\n
so for each self selector..\n        extend.selfSelectors.forEach(function(selfSelector) {\n          const
info = targetExtend.visibilityInfo();\n          // process the extend as usual\n          newSelector =
extendVisitor.extendSelector(matches, selectorPath, selfSelector, extend.isVisible());\n          // but now
we create a new extend from it\n          newExtend = new(tree.Extend)(targetExtend.selector,\n
targetExtend.option, 0, targetExtend.fileInfo(), info);\n          newExtend.selfSelectors = newSelector;\n
          // add the extend onto the list of extends for that selector\n          newSelector[newSelector.length
- 1].extendList = [newExtend];\n          // record that we need to add it.\n          extendsToAdd.push(newExtend);\n          newExtend.ruleset = targetExtend.ruleset;\n
          // remember its parents for circular references\n          newExtend.parent_ids =
newExtend.parent_ids.concat(targetExtend.parent_ids, extend.parent_ids);\n          // only process the
selector once.. if we have :extend(.a,.b) then multiple\n          // extends will look at the same selector path,\n
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

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targetExtend.ruleset.paths.push(newSelector);\n          }\n          });\n          }\n          }\n\n    }\n\n    if (extendsToAdd.length) {\n      // try to detect\n      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 =\n          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\n          extends is currently:${selectorOne}:extend(${selectorTwo})`};\n        }\n        // now process the new extends\n        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 +\n        1));\n      } else {\n        return\n        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,\n    visitArgs) {\n      if (rulesetNode.root) {\n        return;\n      }\n      let matches;\n      let pathIndex;\n      let\n      extendIndex;\n      const allExtends = this.allExtendsStack[this.allExtendsStack.length - 1];\n      const\n      selectorsToAdd = [];\n      const extendVisitor = this;\n      let selectorPath;\n\n      // look at each selector path in\n      the ruleset, find any extend matches and then copy, find and replace\n\n      for (extendIndex = 0; extendIndex <\n      allExtends.length; extendIndex++) {\n        for (pathIndex = 0; pathIndex < rulesetNode.paths.length;\n        pathIndex++) {\n          selectorPath\n          = rulesetNode.paths[pathIndex];\n\n          // extending extends happens initially, before the main pass\n          if (rulesetNode.extendOnEveryPath) { continue; }\n          const extendList = selectorPath[selectorPath.length -\n          1].extendList;\n          if (extendList && extendList.length) { continue; }\n          matches =\n          this.findMatch(allExtends[extendIndex], selectorPath);\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,\n              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          // look through the haystack selector path to try\n          and find the needle - extend.selector\n          // returns an array of selector matches that can then be replaced\n          //\n          let haystackSelectorIndex;\n          let haystackSelector;\n          let haystackElementIndex;\n          let\n          haystackElement;\n          let targetCombinator;\n          let i;\n          const extendVisitor = this;\n          const\n          needleElements = extend.selector.elements;\n          const potentialMatches = [];\n          let potentialMatch;\n          const\n          matches = [];\n          // loop through the haystack elements\n          for (haystackSelectorIndex = 0;\n          haystackSelectorIndex < haystackSelectorPath.length; haystackSelectorIndex++) {\n            haystackSelector =\n            haystackSelectorPath[haystackSelectorIndex];\n            for (hackstackElementIndex = 0; hackstackElementIndex\n            < hackstackSelector.elements.length;\n            hackstackElementIndex++) {\n              haystackElement =\n              haystackSelector.elements[hackstackElementIndex];\n\n              // if we allow elements before our match we can\n              add a potential match every time. otherwise only at the first element.\n              if (extend.allowBefore ||\n              (haystackSelectorIndex === 0 && hackstackElementIndex === 0)) {\n                potentialMatches.push({pathIndex: haystackSelectorIndex, index: hackstackElementIndex, matched: 0,\n                initialCombinator: haystackElement.combinator});\n              }\n              }\n              }\n              for (i = 0; i <\n              potentialMatches.length; i++) {\n                potentialMatch = potentialMatches[i];\n\n                // selectors add\n                \" \" onto the first element. When we use & it joins the selectors together, but if we don't\n                // then each\n                selector in haystackSelectorPath has a space before it added in the toCSS phase. so we need to\n                // work

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out what the resulting combinator will be\n
targetCombinator = haystackElement.combinator.value;\n
if (targetCombinator === " && haystackElementIndex === 0) {\n
targetCombinator = ' ';\n
}\n\n
// if we don't match, null our match to indicate failure\n
if\n
(!extendVisitor.isElementValuesEqual(needleElements[potentialMatch.matched].value, haystackElement.value) ||\n
(potentialMatch.matched > 0 && needleElements[potentialMatch.matched].combinator.value !==\n
targetCombinator)) {\n
potentialMatch = null;\n
} else {\n
potentialMatch.matched++;\n
}\n\n
// if we are still valid and have finished, test whether we\n
have elements after and whether these are allowed\n
if (potentialMatch) {\n
potentialMatch.finished\n
= potentialMatch.matched === needleElements.length;\n
if (potentialMatch.finished &&\n
(!extend.allowAfter &&\n
(hackstackElementIndex + 1 <\n
hackstackSelector.elements.length || haystackSelectorIndex + 1 < haystackSelectorPath.length))) {\n
potentialMatch = null;\n
}\n
}\n
// if null we remove, if not, we are still valid,\n
so either push as a valid match or continue\n
if (potentialMatch) {\n
if\n
(potentialMatch.finished) {\n
potentialMatch.length = needleElements.length;\n
potentialMatch.endPathIndex = haystackSelectorIndex;\n
potentialMatch.endPathElementIndex =\n
hackstackElementIndex + 1; // index after end of match\n
potentialMatches.length = 0; // we don't\n
allow matches to\n
overlap, so start matching again\n
matches.push(potentialMatch);\n
}\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\n
elementValue1 === 'string' || typeof elementValue2 === 'string') {\n
return elementValue1 ===\n
elementValue2;\n
}\n
if (elementValue1 instanceof tree.Attribute) {\n
if (elementValue1.op !==\n
elementValue2.op || elementValue1.key !== elementValue2.key) {\n
return false;\n
}\n
if\n
(!elementValue1.value || !elementValue2.value) {\n
if (elementValue1.value || elementValue2.value) {\n
return false;\n
}\n
return true;\n
}\n
elementValue1\n
= elementValue1.value.value || elementValue1.value;\n
elementValue2 = elementValue2.value.value ||\n
elementValue2.value;\n
return elementValue1 === elementValue2;\n
}\n
elementValue1 =\n
elementValue1.value;\n
elementValue2 = elementValue2.value;\n
if (elementValue1 instanceof\n
tree.Selector) {\n
if (!(elementValue2 instanceof tree.Selector) || elementValue1.elements.length !==\n
elementValue2.elements.length) {\n
return false;\n
}\n
for (let i = 0; i <\n
elementValue1.elements.length; i++) {\n
if (elementValue1.elements[i].combinator.value !==\n
elementValue2.elements[i].combinator.value) {\n
if (i !== 0 ||\n
(elementValue1.elements[i].combinator.value || ' ') !== (elementValue2.elements[i].combinator.value || ' ')) {\n
return false;\n
}\n
}\n
if\n
(!this.isElementValuesEqual(elementValue1.elements[i].value,\n
elementValue2.elements[i].value)) {\n
return false;\n
}\n
}\n
return true;\n
}\n
}\n
return false;\n
}\n\n
extendSelector(matches, selectorPath, replacementSelector, isVisible) {\n\n
//\n
for a set of matches, replace each match with the replacement selector\n\n
let currentSelectorPathIndex = 0,\n
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
}

```



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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      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  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  visitExtend: function (extendNode, visitArgs) {\n  },\n  visitComment: function (commentNode, visitArgs) {\n    if (commentNode.blocksVisibility() ||
commentNode.isSilent(this._context)) {\n      return;\n    }\n    return commentNode;\n  },\n  visitMedia: function(mediaNode, visitArgs) {\n    const originalRules = mediaNode.rules[0].rules;\n    mediaNode.accept(this._visitor);\n    visitArgs.visitDeeper = false;\n    return
this.utils.resolveVisibility(mediaNode, originalRules);\n  },\n  visitImport: function (importNode, visitArgs) {\n
if (importNode.blocksVisibility()) {\n      return ;\n    }\n    return importNode;\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  visitAnonymous: function(anonymousNode, visitArgs) {\n    if
(!anonymousNode.blocksVisibility()) {\n      anonymousNode.accept(this._visitor);\n      return
anonymousNode;\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\n    function getBodyRules(atRuleNode)
{\n      const nodeRules = atRuleNode.rules;\n      if (hasFakeRuleset(atRuleNode)) {\n        return
nodeRules[0].rules;\n      }\n      return nodeRules;\n    }\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  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(`/* ${atRuleNode.toCSS(this._context).replace(/\n/g,
")} *\\n`);
comment.debugInfo = atRuleNode.debugInfo;
return
this._visitor.visit(comment);
}
return;
}
this.charset = true;
}
return atRuleNode;
},
checkValidNodes: function(rules, isRoot) {
if (!rules) {
return;
}
for (let i = 0; i < rules.length; i++) {
const ruleNode = rules[i];
if (isRoot && ruleNode
instanceof tree.Declaration && !ruleNode.variable) {
throw { message: 'Properties must be inside
selector blocks. They cannot be in the root',
index: ruleNode.getIndex(), filename: ruleNode.fileInfo()
&& ruleNode.fileInfo().filename};
}
if (ruleNode instanceof tree.Call) {
throw {
message: `Function '${ruleNode.name}' did not return a root node`,
index: ruleNode.getIndex(),
filename:
ruleNode.fileInfo() && ruleNode.fileInfo().filename};
}
if (ruleNode.type &&
!ruleNode.allowRoot) {
throw { message: `${ruleNode.type} node returned by a function is not valid
here`,
index: ruleNode.getIndex(), filename: ruleNode.fileInfo() && ruleNode.fileInfo().filename};
}
}
}
},
visitRuleset: function(rulesetNode, visitArgs) {
// at this point rulesets are nested
into each other
let rule;
const rulesets = [];
this.checkValidNodes(rulesetNode.rules,
rulesetNode.firstRoot);
if (!rulesetNode.root) {
// remove invisible paths
this._compileRulesetPaths(rulesetNode);
// remove rulesets from this ruleset body and compile them
separately
const nodeRules = rulesetNode.rules;
let nodeRuleCnt = nodeRules ?
nodeRules.length : 0;
for (let i = 0; i < nodeRuleCnt;
) {
rule = nodeRules[i];
if (rule && rule.rules) {
// visit because we are moving
them out from being a child
rulesets.push(this._visitor.visit(rule));
nodeRules.splice(i,
1);
nodeRuleCnt--;
continue;
}
i++;
}
// accept
the visitor to remove rules and refactor itself
// then we can decide nowg whether we want it or not
// compile body
if (nodeRuleCnt > 0) {
rulesetNode.accept(this._visitor);
} else {
rulesetNode.rules = null;
}
visitArgs.visitDeeper = false;
} else {
if (!
rulesetNode.root) {
rulesetNode.accept(this._visitor);
visitArgs.visitDeeper = false;
}
if (rulesetNode.rules) {
this._mergeRules(rulesetNode.rules);
this._removeDuplicateRules(rulesetNode.rules);
}
// now decide whether we keep the ruleset
if (this.utils.isVisibleRuleset(rulesetNode)) {
rulesetNode.ensureVisibility();
rulesets.splice(0,
0, rulesetNode);
}
if (rulesets.length === 1) {
return rulesets[0];
}
return
rulesets;
},
_compileRulesetPaths: function(rulesetNode) {
if (rulesetNode.paths) {
rulesetNode.paths = rulesetNode.paths
.filter(p => {
let i;
if
(p[0].elements[0].combinator.value === ' ') {
p[0].elements[0].combinator =
new(tree.Combinator(''));
}
for (i = 0; i < p.length; i++) {
if
(p[i].isVisible() && p[i].getIsOutput()) {
return true;
}
}
return false;
});
}
},
_removeDuplicateRules: function(rules) {
if
(!rules) {
return;
}
// remove duplicates
const ruleCache = {};
let ruleList;
let rule;
let i;
for (i = rules.length - 1; i >= 0; i--) {
rule = rules[i];
if (rule instanceof
tree.Declaration) {
if (!ruleCache[rule.name]) {
ruleCache[rule.name] = rule;
}
}
else {
ruleList = ruleCache[rule.name];
if (ruleList instanceof tree.Declaration) {
ruleList = ruleCache[rule.name] = [ruleCache[rule.name].toCSS(this._context)];
}
}
const ruleCSS = rule.toCSS(this._context);
if (ruleList.indexOf(ruleCSS) !== -1) {
rules.splice(i, 1);
}
else {
ruleList.push(ruleCSS);
}
}
}
},
_mergeRules:
function(rules) {
if (!rules) {
return;
}
const groups = {};
const groupsArr =
[];
for (let i = 0; i < rules.length; i++) {
const rule = rules[i];
if (rule.merge) {
const key = rule.name;
groups[key] ? rules.splice(i--, 1) :
groupsArr.push(groups[key] =
[]);
groups[key].push(rule);
}
}
groupsArr.forEach(group => {
if

```

```

(group.length > 0) {\n          const result = group[0];\n          let space = [];\n          const comma = [new\n    tree.Expression(space)];\n          group.forEach(rule => {\n          if ((rule.merge === '+') && (space.length\n    > 0)) {\n          comma.push(new tree.Expression(space = []));\n          }\n          space.push(rule.value);\n          result.important = result.important ||\n    rule.important;\n          });\n          result.value = new tree.Value(comma);\n          }\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 //\n    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\n    index\n    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\n    CHARCODE_SPACE = 32;\n  const\n    CHARCODE_TAB = 9;\n  const\n    CHARCODE_LF = 10;\n  const\n    CHARCODE_CR = 13;\n  const\n    CHARCODE_PLUS = 43;\n  const\n    CHARCODE_COMMA = 44;\n  const\n    CHARCODE_FORWARD_SLASH = 47;\n  const\n    CHARCODE_9 = 57;\n\n  function skipWhitespace(length)\n  {\n    const oldi = parserInput.i;\n    const oldj = j;\n    const curr = parserInput.i - currentPos;\n    const\n      endIndex = parserInput.i + current.length - curr;\n    const mem = (parserInput.i += length);\n    const inp =\n      input;\n    let c;\n    let nextChar;\n    let comment;\n\n    for (; parserInput.i < endIndex;\n      parserInput.i++) {\n      c = inp.charCodeAt(parserInput.i);\n      if (parserInput.autoCommentAbsorb &&\n        c === CHARCODE_FORWARD_SLASH) {\n        nextChar = inp.charAt(parserInput.i + 1);\n        if\n          (nextChar === '/') {\n          comment = {index: parserInput.i, isLineComment: true};\n          let\n            nextNewLine = inp.indexOf("\\n", parserInput.i + 2);\n          if (nextNewLine < 0) {\n            nextNewLine = endIndex;\n          }\n          parserInput.i = nextNewLine;\n          comment.text =\n            inp.substr(comment.index, parserInput.i - comment.index);\n          parserInput.commentStore.push(comment);\n          continue;\n          } else if (nextChar === '*') {\n            const\n              nextStarSlash = inp.indexOf('*', parserInput.i + 2);\n            if (nextStarSlash >= 0) {\n              comment = {\n                index: parserInput.i,\n                text: inp.substr(parserInput.i, nextStarSlash + 2 -\n                  parserInput.i),\n                isLineComment: false\n              };\n              parserInput.i += comment.text.length - 1;\n              parserInput.commentStore.push(comment);\n              continue;\n            }\n          }\n        }\n        break;\n      }\n    }\n    if ((c !== CHARCODE_SPACE) && (c !== CHARCODE_LF) && (c !==\n      CHARCODE_TAB) && (c !== CHARCODE_CR)) {\n      break;\n    }\n  }\n\n  current =\n    current.slice(length + parserInput.i - mem + curr);\n  currentPos = parserInput.i;\n  if (!current.length) {\n    if (j < chunks.length - 1) {\n      current = chunks[++j];\n      skipWhitespace(0); // skip space at the\n      beginning of a chunk\n      return true; // things changed\n    }\n    parserInput.finished\n    = true;\n  }\n  return oldi !== parserInput.i || oldj !== j;\n}\n\nparserInput.save = () => {\n  currentPos = parserInput.i;\n  saveStack.push( { current, i: parserInput.i, j });\n};\n\nparserInput.restore =\n  possibleErrorMessage => {\n    if (parserInput.i > furthest || (parserInput.i === furthest &&\n      possibleErrorMessage && !furthestPossibleErrorMessage)) {\n      furthest = parserInput.i;\n      furthestPossibleErrorMessage = possibleErrorMessage;\n    }\n    const state = saveStack.pop();\n    current =\n      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\n      || 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.$char = tok => {\n    if (input.charAt(parserInput.i) !== tok) {\n      return null;\n    }\n\n    skipWhitespace(1);\n    return tok;\n  };\n\n  parserInput.$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.$quoted = loc => {\n    const pos = loc
|| parserInput.i;\n    const startChar = input.charAt(pos);\n\n    if (startChar !== '"' && startChar !== "'") {\n      return;\n    }\n\n    const length = input.length;\n    const currentPosition = pos;\n\n    for (let i = 1; i +
currentPosition < length; i++) {\n      const nextChar = input.charAt(i + currentPosition);\n      switch
(nextChar) {\n        case '\\\\':\n          i++;\n          continue;\n        case '\\r':\n          case
'\n':\n          break;\n        case startChar:\n          const str = input.substr(currentPosition, i + 1);\n          if (!loc && loc !== 0) {\n            skipWhitespace(i + 1);\n            return str;\n          }\n          return [startChar, str];\n        default:\n          }\n      }\n      return null;\n    };\n\n    /**\n     * Permissive parsing. Ignores everything
except matching { } [] () and quotes\n     * until matching token (outside of blocks)\n     */\n\n    parserInput.$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\n        if (blockDepth === 0 && testChar(nextChar)) {\n          returnVal =
input.substr(lastPos,
i - lastPos);\n\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          }\n          i++;\n          continue;\n        }\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          }\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          }\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\n match.\n parserInput.peek = tok => {\n // if (typeof tok === 'string') {\n // https://jsperf.com/string-\n startswith/21\n for (let i = 0; i < tok.length; i++) {\n // if (input.charAt(parserInput.i + i) !==\n tok.charAt(i)) {\n // return false;\n // }\n // }\n // return true;\n // } else {\n // return\n tok.test(current);\n // }\n // };\n\n // Specialization of peek()\n // TODO remove or change some currentChar\n calls to peekChar\n parserInput.peekChar = tok => input.charAt(parserInput.i) === tok;\n\n parserInput.currentChar\n = () => 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 =\n input.charCodeAt(parserInput.i);\n // Is the first char of the dimension 0-9, '.', '+' or '-'\n // return (c >\n CHARCODE_9 || c < CHARCODE_PLUS) || c === CHARCODE_FORWARD_SLASH || c ===\n CHARCODE_COMMA;\n // };\n\n parserInput.start = (str, chunkInput, failFunction) => {\n // input = str;\n\n parserInput.i = j = currentPos = furthest = 0;\n\n // chunking apparently makes things quicker (but my tests\n indicate\n // it might actually make things slower in node at least)\n // and it is a non-perfect parse - it can't\n recognise\n // unquoted urls, meaning it can't distinguish comments\n // meaning comments with quotes or\n {}() in them get 'counted'\n // and then lead to parse errors.\n // In addition if the chunking\n chunks in the wrong place we might\n // not be able to parse a parser statement in one go\n // this is\n officially deprecated but can be switched on via an option\n // in the case it causes too much performance\n issues.\n // if (chunkInput) {\n // chunks = chunker(str, failFunction);\n // } else {\n // chunks = [str];\n\n // }\n\n // current = chunks[0];\n\n // skipWhitespace(0);\n // };\n\n parserInput.end = () => {\n // let\n message;\n // const isFinished = parserInput.i >= input.length;\n\n // if (parserInput.i < furthest) {\n\n // message = furthestPossibleErrorMessage;\n\n // parserInput.i = furthest;\n // }\n\n // return {\n\n // isFinished,\n\n // furthest: parserInput.i,\n\n // furthestPossibleErrorMessage: message,\n\n // furthestReachedEnd: parserInput.i >= input.length - 1,\n\n // furthestChar: input[parserInput.i]\n // }\n // };\n\n // return parserInput;\n // };\n\n // };\n\n Split the input into chunks.\n\n export default function (input, fail) {\n // const len = input.length;\n // let level = 0;\n\n // let parenLevel = 0;\n // let lastOpening;\n // let lastOpeningParen;\n // let lastMultiComment;\n // let\n lastMultiCommentEndBrace;\n // const chunks = [];\n // let emitFrom = 0;\n // let chunkerCurrentIndex;\n // let\n currentChunkStartIndex;\n // let cc;\n // let cc2;\n // let matched;\n\n // function emitChunk(force) {\n // const len =\n chunkerCurrentIndex - emitFrom;\n // if (((len < 512) && !force) || !len) {\n // return;\n // }\n\n // chunks.push(input.slice(emitFrom, chunkerCurrentIndex + 1));\n // emitFrom = chunkerCurrentIndex + 1;\n\n // }\n\n // for (chunkerCurrentIndex = 0; chunkerCurrentIndex < len; chunkerCurrentIndex++) {\n // cc =\n input.charCodeAt(chunkerCurrentIndex);\n // if (((cc >= 97) && (cc <= 122)) || (cc < 34)) {\n // // a-z or\n // whitespace\n // continue;\n // }\n\n // switch\n (cc) {\n // case 40:\n // // (\n // parenLevel++;\n // lastOpeningParen =\n chunkerCurrentIndex;\n // continue;\n // case 41:\n // //)\n // if (--parenLevel < 0) {\n\n // return fail('missing opening `(`', chunkerCurrentIndex);\n // }\n // continue;\n // case 59:\n // //;\n // if (!parenLevel) { emitChunk(); }\n // continue;\n // case 123:\n // {\n // level++;\n // lastOpening = chunkerCurrentIndex;\n // continue;\n // case 125:\n // }\n // if (--level < 0) {\n // return fail('missing opening `}`, chunkerCurrentIndex);\n // }\n // if (!level && !parenLevel) { emitChunk(); }\n // continue;\n // case 92:\n // \\|\n\n // if (chunkerCurrentIndex < len - 1) {\n // chunkerCurrentIndex++; continue; }\n // return fail('unescaped\n // \\|\n', chunkerCurrentIndex);\n // case 34:\n // case 39:\n // case 96:\n // //\", ' and `\n // matched = 0;\n // currentChunkStartIndex = chunkerCurrentIndex;\n // for (chunkerCurrentIndex =\n // chunkerCurrentIndex + 1; chunkerCurrentIndex < len; chunkerCurrentIndex++) {\n // cc2 =\n input.charCodeAt(chunkerCurrentIndex);\n // if (cc2 > 96) { continue; }\n // if (cc2 === cc) {\n // matched = 1; break; }\n // if (cc2 === 92) {\n // \\|\n // if (chunkerCurrentIndex === len - 1) {\n
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        return fail('unescaped `\\`', chunkerCurrentIndex);
    }
    chunkerCurrentIndex++;
}
return fail(`unmatched \`${String.fromCharCode(cc)}\``, currentChunkStartIndex);
//, check for comment
if (parenLevel || (chunkerCurrentIndex == len - 1)) { continue; }
cc2 = input.charCodeAt(chunkerCurrentIndex + 1);
if (cc2 == 47) {
    for (chunkerCurrentIndex = chunkerCurrentIndex + 2; chunkerCurrentIndex < len;
    chunkerCurrentIndex++) {
        cc2 = input.charCodeAt(chunkerCurrentIndex);
        if ((cc2
        <= 13) && ((cc2 == 10) || (cc2 == 13))) { break; }
        } else if (cc2 == 42) {
            lastMultiComment = currentChunkStartIndex = chunkerCurrentIndex;
            for (
            chunkerCurrentIndex = chunkerCurrentIndex + 2; chunkerCurrentIndex < len - 1; chunkerCurrentIndex++) {
                cc2 = input.charCodeAt(chunkerCurrentIndex);
                if (cc2 == 125) {
                    lastMultiCommentEndBrace = chunkerCurrentIndex;
                    if (cc2 != 42) { continue; }
                    if (input.charCodeAt(chunkerCurrentIndex + 1) == 47) { break; }
                    if (
                    chunkerCurrentIndex == len - 1) {
                        return fail('missing closing `*/`, currentChunkStartIndex);
                    }
                    chunkerCurrentIndex++;
                    continue;
                }
            }
        }
        if ((chunkerCurrentIndex < len - 1) &&
        (input.charCodeAt(chunkerCurrentIndex + 1) == 47)) {
            return fail('unmatched `/*`,
            chunkerCurrentIndex);
        }
        continue;
    }
}
if (level !== 0) {
    if ((lastMultiComment > lastOpening) && (lastMultiCommentEndBrace > lastMultiComment))
        return fail('missing closing `}` or `*/`, lastOpening);
    } else {
        return fail('missing closing
        `}`, lastOpening);
    }
    } else if (parenLevel !== 0) {
        return fail('missing closing `}`,
        lastOpeningParen);
    }
}
emitChunk(true);
return chunks;
}

import LessError from './less-error';
import tree from './tree';
import visitors from './visitors';
import getParserInput from './parser-input';
import * as utils from './utils';
import functionRegistry from './functions/function-registry';

// less.js
// A relatively straight-forward predictive parser.
// There is no tokenization/lexing stage, the input
// is parsed in one sweep.
// To make the parser fast enough to run in the browser, several
// optimizations had to be made:
// - Matching and slicing on a huge input is often cause of slowdowns.
// The solution is to chunkify the input into
// smaller strings.
// The chunks are stored in the `chunks` var,
// `j` holds the current chunk index, and
// `currentPos` holds the index of the current chunk in relation to `input`.
// This gives us an almost 4x
// speed-up.
// - In many cases, we don't need to match individual tokens;
// for example, if a value doesn't
// hold any variables, operations or dynamic references, the parser can effectively 'skip' it,
// treating it as a
// literal.
// An example would be '1px solid #000' - which evaluates to itself,
// we don't need to know what
// the individual components are.
// The drawback, of course is that you don't get the benefits of
// syntax-
// checking on the CSS. This gives us a 50% speed-up in the parser,
// and a smaller speed-up in the code-
// gen.
// Token matching is done with the `$` function, which either takes
// a terminal string or regexp,
// or a non-terminal function to call.
// It
// also takes care of moving all the indices forwards.
const Parser = function Parser(context, imports, fileInfo)
{
    let parsers;
    const parserInput = getParserInput();
    function error(msg, type) {
        throw new
        LessError(
        {
            index: parserInput.i,
            filename: fileInfo.filename,
            type: type ||
        'Syntax',
            message: msg
        }, imports
        );
    }
    function expect(arg, msg) {
        // some older browsers return typeof 'function' for RegExp
        const result = (arg instanceof Function) ?
        arg.call(parsers) : parserInput.$re(arg);
        if (result) {
            return result;
        }
        error(msg ||
        (typeof arg === 'string'
        ? `expected '${arg}' got '${parserInput.currentChar()}`
        : 'unexpected
        token'));
    }
    // Specialization of expect()
    function expectChar(arg, msg) {
        if (
        parserInput.$char(arg))
            return arg;
        error(msg || `expected '${arg}' got '${parserInput.currentChar()}`);
    }
    function getDebugInfo(index) {
        const filename = fileInfo.filename;
        return {
            lineNumber:

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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   * @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    try {\n      parser.start(str, false,\n        function fail(msg, index) {\n          callback({\n            message: msg,\n            index: index +\n            currentIndex\n          });\n        });\n      for (let x = 0, p, i; (p = parseList[x]); x++) {\n        i =\n        parser.i;\n        result = parsers[p]();\n        if (result) {\n          try {\n            result._index = i\n            + currentIndex;\n            result._fileInfo = fileInfo;\n          } catch (e) {}\n          returnNodes.push(result);\n        } else {\n          returnNodes.push(null);\n        }\n      }\n      const endInfo = parser.end();\n      if (endInfo.isFinished) {\n        callback(null,\n        returnNodes);\n      } else {\n        callback(true, null);\n      } catch (e) {\n        throw\n        new LessError({\n          index: e.index\n          + 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\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\n    // 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\n      preText = "";\n      // Optionally disable @plugin parsing\n      if (additionalData &&\n      additionalData.disablePluginRule) {\n        parsers.plugin = function() {\n          var dir =\n          parserInput.$re(/^@plugin?(\\s+\\/);\n          if (dir) {\n            error('@plugin statements are not allowed when disablePluginRule is set to\n            true');\n          }\n        };\n        globalVars = (additionalData &&\n        additionalData.globalVars) ? `${Parser.serializeVars(additionalData.globalVars)}\\n` : "";\n        modifyVars =\n        (additionalData && additionalData.modifyVars) ? `\\n${Parser.serializeVars(additionalData.modifyVars)}` : "";\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,\n            imports, fileInfo });\n          }\n          if (globalVars || (additionalData && additionalData.banner))\n          {\n            preText = ((additionalData && additionalData.banner) ? additionalData.banner : "") + globalVars;\n            ignored = imports.contentsIgnoredChars;\n            ignored[fileInfo.filename] =\n            ignored[fileInfo.filename] || 0;\n            ignored[fileInfo.filename] += preText.length;\n          }\n          str =\n          str.replace(/\\r\\n?/g, "\\n");\n          // Remove potential UTF Byte Order Mark\n          str = preText +\n          str.replace(/^\\uFEFF/, "") + modifyVars;\n          imports.contents[fileInfo.filename] = str;\n          // Start with\n          the primary rule.\n          // The whole syntax tree is held under a Ruleset node,\n          // with the `root` property\n          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                fileInfo:\n                fileInfo.filename\n              }, imports);\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          // 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          // 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

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differently.\n      const endInfo = parserInput.end();\n      if (!endInfo.isFinished) {\n        let message = endInfo.furthestPossibleErrorMessage;\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        err = new LessError({\n          type: 'Parse',\n          message,\n          index: endInfo.furthest,\n          filename: fileInfo.filename\n        },\n        imports);\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          return callback(e);\n        }\n        else {\n          return callback(null, root);\n        }\n      };\n      if (context.processImports !== false) {\n        new visitors.ImportVisitor(imports, finish)\n          .run(root);\n      } else {\n        return finish();\n      }\n    },\n    // Here in, the parsing rules/functions\n    // The basic structure of the syntax tree generated is as follows:\n    // Ruleset -> Declaration -> Value -> Expression\n    // -> Entity\n    // Here's some Less code:\n    // .class {\n    //   color: #fff;\n    // }\n    // And here's what the parse tree might look like:\n    // Ruleset (Selector '.class', [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    // In general, most rules will try to parse a token with the `re` function, and if the return value is truly, will return a new node, of the relevant type. Sometimes, we need to check first, before parsing, that's when we use `peek`.\n    // parsers: parsers = {\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    //   // The recursive nature of the grammar is an interplay between the `block` rule, which represents ` ...`, the `ruleset` rule, and this `primary` rule, as represented by this simplified grammar:\n    //   // primary (ruleset | declaration)+\n    //   // ruleset selector+ block\n    //   // block '{ primary }'\n    //   // Only at one point is the primary rule not called from the block rule: at the root level.\n    //   // primary: function () {\n    //     const mixin = this.mixin;\n    //     let root = [];\n    //     let node;\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    //       node = this.extendRule();\n    //       if (node) {\n    //         root = root.concat(node);\n    //         continue;\n    //       }\n    //       node = mixin.definition() || this.declaration() || mixin.call(false, false) || 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.schar(';')) {\n    //           foundSemiColon = true;\n    //         }\n    //         if (!foundSemiColon) {\n    //           break;\n    //         }\n    //       }\n    //       return root;\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    //     // Entities are tokens which can be found inside an Expression\n    //     entities: {\n    //       mixinLookup: function() {\n    //         return parsers.mixin.call(true, true);\n    //       }\n    //     }\n    //   }\n  }\n}

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// A string, which supports escaping \" and \"n // \"milky way\" he\\'s the one!\"n
// quoted: function (forceEscaped) { let str; const index = parserInput.i;
  let isEscaped = false; parserInput.save(); if (parserInput.$char('~')) {
    isEscaped = true; } else if (forceEscaped) { parserInput.restore();
return; } \n\n str = parserInput.$quoted(); if (!str) {
parserInput.restore(); 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: // black border-collapse //
keyword: function () { const k = parserInput.$char('%') || parserInput.$re(/^\\[[?:(\\w-]\\\\\\\\(?:[A-
Fa-f0-9]{1,6} ?[^A-Fa-f0-9])+\]?)?); if (k) { return tree.Color.fromKeyword(k) ||
new(tree.Keyword)(k); } \n\n }, \n\n // A function call //
// rgb(255, 0, 255) // The arguments are parsed with the `entities.arguments` parser. \n
// call: function () { let name; let args; let func;
const index = parserInput.i; // http://jsperf.com/case-insensitive-regex-vs-strtolower-then-
regex/18 \n
if (parserInput.peek(/^url\\((/i)) { return; } \n\n
parserInput.save(); \n\n name = parserInput.$re(/^([\\w-]+|%|~|progid:[\\w\\.]+)\\((/); \n\n if
(!name) { parserInput.forget(); \n\n return; } \n\n name =
name[1]; \n\n func = this.customFuncCall(name); \n\n if (func) { \n\n args =
func.parse(); \n\n if (args && func.stop) { \n\n parserInput.forget(); \n\n
return args; \n\n } \n\n } \n\n args = this.arguments(args); \n\n if
(!parserInput.$char(')')) { \n\n parserInput.restore('Could not parse call arguments or missing \\)'); \n\n
return; \n\n } \n\n
parserInput.forget(); \n\n return new(tree.Call)(name, args, index, fileInfo); \n\n }, \n\n
\n // Parsing rules for functions with non-standard args, e.g.: //
boolean(not(2 > 1)) // This is a quick prototype, to be modified/improved when \n
// more custom-parsed funcs come (e.g. `selector(...)`) // \n\n customFuncCall: function
(name) { \n\n /* Ideally the table is to be moved out of here for faster perf., \n\n but it's quite
tricky since it relies on all these `parsers` \n\n and `expect` available only here * \n\n return { \n\n
alpha: f(parsers.ieAlpha, true), \n\n boolean: f(condition), \n\n 'if':
f(condition) \n\n
} [name.toLowerCase()]; \n\n function f(parse, stop) { \n\n return { \n\n
parse, // parsing function \n\n stop // when true - stop after parse() and return its result, \n\n
// otherwise continue for plain args \n\n }; \n\n } \n\n \n\n function
condition() { \n\n return [expect(parsers.condition, 'expected condition')]; \n\n } \n\n
}, \n\n arguments: function (prevArgs) { \n\n let argsComma = prevArgs || []; \n\n const
argsSemiColon = []; \n\n let isSemiColonSeparated; \n\n let value; \n\n \n\n
parserInput.save(); \n\n while (true) { \n\n if (prevArgs) { \n\n prevArgs =
false; \n\n } else { \n\n
value = parsers.detachedRuleset() || this.assignment() || parsers.expression(); \n\n if
(!value) { \n\n break; \n\n } \n\n if (value.value &&
value.value.length == 1) { \n\n value = value.value[0]; \n\n } \n\n
argsComma.push(value); \n\n } \n\n if (parserInput.$char(',') ) { \n\n
continue; \n\n } \n\n if (parserInput.$char(';') || isSemiColonSeparated) { \n\n
isSemiColonSeparated = true; \n\n value = (argsComma.length < 1) ? argsComma[0] \n\n
: new tree.Value(argsComma); \n\n argsSemiColon.push(value); \n\n argsComma =
[]; \n\n } \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.$re(/^\w+(?=\s?)/i);\n        if (!key) {\n        parserInput.restore();\n
\n        return;\n        }\n        if (!parserInput.$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        // 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.$str('url()')) {\n
parserInput.autoCommentAbsorb = true;\n        return;\n        }\n        value =
this.quoted() || this.variable() || this.property() ||\n        parserInput.$re(/^(?:\[\[\(\(\)\)\"]|["\(\)\"])+/
|| ";\n        parserInput.autoCommentAbsorb = true;\n        expectChar(');\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
parserInput.save();\n        if (parserInput.currentChar() === '@' && (name = parserInput.$re(/^\@?[\w-
]+/))) {\n        ch = parserInput.currentChar();\n        if (ch === '(' || ch === '[' &&
!parserInput.prevChar().match(/^\s/)) {\n        // this may be a VariableCall lookup\n
const result = parsers.variableCall(name);\n        if (result) {\n        parserInput.forget();\n
return result;\n        }\n        }\n        parserInput.forget();\n
return new(tree.Variable)(name,\n        index, fileInfo);\n        }\n        parserInput.restore();\n        },\n\n        // A variable entity
using the protective { } e.g. @ {var}\n        variableCurly: function () {\n        let curly;\n
const index = parserInput.i;\n        if (parserInput.currentChar() === '@' && (curly =
parserInput.$re(/^\@\{([\w-]+\})\})) {\n        return new(tree.Variable)('@${curly[1]}', index,\n        fileInfo);\n        }\n        },\n\n        /\n        // A Property accessor, such as `$color`, in\n
    /\n        // background-color: $color\n        /\n        property: function () {\n        let name;\n
const index = parserInput.i;\n        if (parserInput.currentChar() === '$' && (name =
parserInput.$re(/^\$([\w-]+\})) {\n        return new(tree.Property)(name,\n        index, fileInfo);\n        }\n        },\n\n        // A property entity using the protective { } e.g.
${prop}\n        propertyCurly: function () {\n        let curly;\n        const index =
parserInput.i;\n        if (parserInput.currentChar() === '$' && (curly = parserInput.$re(/^\$\{([\w-
]+\})\})) {\n        return new(tree.Property)('${curly[1]}', index, fileInfo);\n        }\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        if (parserInput.currentChar() === '#' && (rgb =
parserInput.$re(/^\#[A-Fa-f0-9]{8}|[A-Fa-f0-9]{6}|[A-Fa-f0-9]{3,4})([\w.#\[\]]?/)))

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    {\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.$re(/^([+]?[d*]\.?[\d+](%|[a-z_]+)?/i);\n          if (value) {\n          return
new(tree.Dimension)(value[1], value[2]);\n          }\n          },\n\n          /\n          // A unicode
descriptor, as is used in unicode-range\n          /\n          // U+0?? or U+00A1-00A9\n          /\n
unicodeDescriptor: function () {\n          let ud;\n          ud = parserInput.$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
    parserInput.save();\n          const escape = parserInput.$char('~');\n          const jsQuote =
    parserInput.$char('^');\n          if (!jsQuote) {\n          parserInput.restore();\n          return;\n
    }\n          }\n          js = parserInput.$re(/^[\^]*~/);\n          if (js) {\n
    parserInput.forget();\n          return new(tree.JavaScript)(js.substr(0, js.length - 1), Boolean(escape), index,
fileInfo);\n
    }\n          parserInput.restore('invalid javascript definition');\n          }\n          },\n\n          /\n          //
The variable part of a variable definition. Used in the `rule` parser\n          /\n          // @fink;\n          /\n
variable: function () {\n          let name;\n          if (parserInput.currentChar() === '@' && (name =
    parserInput.$re(/^(@[\w-]+)\s*/))) {\n          return name[1];\n          }\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          parserInput.save();\n\n
    if (name || (parserInput.currentChar() === '@'\n          && (name = parserInput.$re(/^(@[\w-
    ]+)(\{\s*\})?/))) {\n          lookups = this.mixin.ruleLookups();\n          if (!lookups && ((inValue
    && parserInput.$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          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
    {\n          e = this.element();\n          if (!e) {\n          break;\n          }\n
    if (elements) {\n          elements.push(e);\n          }\n          } else {\n

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    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
    /\n
    mixin: {\n
    /\n
    // A Mixin call, with an optional
argument list\n
    /\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.$char('(')) {\n
    args
= this.args(true).args;\n
    expectChar(')');\n
    hasParens = true;\n
    }\n\n
    if (getLookup !== false) {\n
    lookups = this.ruleLookups();\n
    }\n
    if (getLookup === true && !lookups) {\n
    parserInput.restore();\n
    return;\n
    }\n\n
    if (inValue && !lookups && !hasParens) {\n
    // This isn't
a valid in-value mixin call\n
    parserInput.restore();\n
    return;\n
    }\n\n
    if (!inValue && parsers.important()) {\n
    important = true;\n
    }\n\n
    if (inValue || parsers.end()) {\n
    parserInput.forget();\n
    const mixin =
new(tree.mixin.Call)(elements, args, index, fileInfo, !lookups && important);\n
    if (lookups) {\n
    return new tree.NamespaceValue(mixin, lookups);\n
    }\n
    else {\n
    return mixin;\n
    }\n
    }\n\n
parserInput.restore();\n
    },\n
    /**\n
    * Matching elements for mixins\n
    * (Start
with
. or # and can have > )\n
    *\n
    elements: function() {\n
    let elements;\n
    let
e;\n
    let c;\n
    let elem;\n
    let elemIndex;\n
    const re = /^#[#.](?:[\\w-
]]\\|\\|(?:[A-Za-f0-9]{1,6} ?|^A-Za-f0-9))+/;\n
    while (true) {\n
    elemIndex =
parserInput.i;\n
    e = parserInput.$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()\n    || entities.keyword() || this.call(true);\n                }\n                if (!arg || !hasSep) {\n    break;\n                }\n                nameLoop = null;\n                if (arg.throwAwayComments) {\n                arg.throwAwayComments();\n                }\n                value = arg;\n                let val =\n    null;\n\n        if (isCall) {\n                // Variable\n                if (arg.value && arg.value.length == 1)\n        {\n                val = arg.value[0];\n                }\n                } else {\n                val =\n    arg;\n                }\n                if (val && (val instanceof tree.Variable || val instanceof tree.Property)) {\n                if (parserInput.$char(':')) {\n                if (expressions.length > 0) {\n    if (isSemiColonSeparated) {\n                error('Cannot mix ; and , as delimiter types');\n                }\n                expressionContainsNamed = true;\n                }\n                value = parsers.detachedRuleset() || parsers.expression();\n                if (!value) {\n                if (isCall) {\n                error('could not understand value for named\n    argument');\n                } else {\n                parserInput.restore();\n                }\n                returner.args = [];\n                return returner;\n                }\n                }\n                nameLoop = (name = val.name);\n                } else if (parserInput.$str('...')) {\n                if (!isCall) {\n                returner.variadic = true;\n                if (parserInput.$char(';') &&\n    !isSemiColonSeparated) {\n                isSemiColonSeparated = true;\n                }\n                (isSemiColonSeparated ? argsSemiColon : argsComma)\n                .push({ name: arg.name, variadic: true });\n                break;\n                } else\n        {\n                expand = true;\n                }\n                } else if (!isCall) {\n                name = nameLoop = val.name;\n                value = null;\n                }\n                }\n                if (value) {\n                expressions.push(value);\n                }\n                argsComma.push({ name:nameLoop, value, expand });\n                if (parserInput.$char(',') {\n                hasSep = true;\n                continue;\n                }\n                hasSep = parserInput.$char(',') ===\n    ';\n                if (hasSep || isSemiColonSeparated) {\n                if (expressionContainsNamed)\n        {\n                error('Cannot mix ; and , as delimiter types');\n                }\n                }\n                isSemiColonSeparated = true;\n                if (expressions.length > 1) {\n                value =\n    new(tree.Value)(expressions);\n                }\n                argsSemiColon.push({ name, value, expand\n    });\n                name = null;\n                expressions = [];\n                expressionContainsNamed = false;\n                }\n                }\n                parserInput.forget();\n                returner.args = isSemiColonSeparated ? argsSemiColon : argsComma;\n                return returner;\n    },\n    /\n    // A Mixin definition, with a list of parameters\n    /\n    // .rounded\n    (@radius: 2px, @color) {\n    //\n    ...}\n    //\n    /\n    // Until we have a finer grained state-machine, we have to\n    // do a look-ahead, to make sure we don't have a mixin call.\n    // See the `rule` function for more\n    information.\n    /\n    // We start by matching `.rounded`, and then proceed on to\n    // the\n    argument list, which has optional default values.\n    // We store the parameters in `params`, with a `value`\n    key,\n    // if there is a value, such as in the case of `@radius`.\n    /\n    // Once we've got our\n    params list, and a closing `}`, we parse\n    // the `{...}` block.\n    /\n    definition: function ()\n    {\n        let name;\n        let params = [];\n        let match;\n        let ruleset;\n        let cond;\n        let variadic\n    = false;\n        if ((parserInput.currentChar() !== '.' && parserInput.currentChar() !== '#') ||\n    parserInput.peek(/^[\{]*\}/)) {\n                return;\n                }\n                parserInput.save();\n                match = parserInput.$re(/^(#[.](?:[\\w-]\\\\\\\\(?:[A-Fa-f0-9]{1,6} ?|^A-Fa-f0-9))+)\\s*(/);\n                if\n    (match) {\n                name = match[1];\n                const argInfo = this.args(false);\n                params = argInfo.args;\n                variadic = argInfo.variadic;\n                // .mixin call(`@{a}`);\n                // looks a bit like a mixin definition..\n                // also\n                // .mixin call(@a: { rule:

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set;});\n          // so we have to be nice and restore\n          parserInput.restore('Missing\n          closing \\')\\');\n          return;\n          }\n          parserInput.commentStore.length =\n          0;\n          if (parserInput.$str('when')) { // Guard\n          cond = expect(parsers.conditions,\n          'expected condition');\n          }\n          ruleset = parsers.block();\n          if (ruleset) {\n          parserInput.forget();\n          return new(tree.mixin.Definition)(name, params, ruleset,\n          cond, variadic);\n          } else {\n          parserInput.restore();\n          }\n          }\n          else {\n          parserInput.restore();\n          }\n          },\n          \n          ruleLookups:\n          function() {\n          let rule;\n          let args;\n          const lookups = [];\n          if (parserInput.currentChar() !== '[') {\n          return;\n          }\n          while (true) {\n          parserInput.save();\n          args = null;\n          rule = this.lookupValue();\n          if (!rule && rule !== '') {\n          parserInput.restore();\n          break;\n          }\n          lookups.push(rule);\n          parserInput.forget();\n          }\n          if (lookups.length >\n          0) {\n          return lookups;\n          }\n          },\n          \n          lookupValue: function() {\n          parserInput.save();\n          \n          if (!parserInput.$char('[')) {\n          parserInput.restore();\n          return;\n          }\n          \n          if (name || name === '') {\n          parserInput.forget();\n          return name;\n          }\n          \n          parserInput.restore();\n          }\n          },\n          \n          /\n          // Entities are the\n          smallest recognized token,\n          // and can be found inside a rule's value.\n          /\n          entity: function ()\n          {\n          const entities = this.entities;\n          return this.comment() || entities.literal() || entities.variable() ||\n          entities.url() ||\n          entities.property() || entities.call() || entities.keyword() || this.mixin.call(true) ||\n          entities.javascript();\n          },\n          \n          /\n          // A Declaration terminator.\n          Note that we use `peek()` to check for `}`,\n          // because the `block` rule will be expecting it, but we still need\n          to make sure\n          // it's there, if `;` was omitted.\n          /\n          end: function () {\n          return\n          parserInput.$char(';') || parserInput.peek('}')\n          },\n          \n          /\n          // IE's alpha function\n          /\n          // alpha(opacity=88)\n          /\n          ieAlpha: function () {\n          let value;\n          \n          //\n          http://jsperf.com/case-insensitive-regex-vs-strtolower-then-regex/18\n          if (!parserInput.$re(/^opacity=/i)) {\n          return; }\n          value = parserInput.$re(/^\\d+$/);\n          if (!value) {\n          value =\n          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          //\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,\n          or `*`.\n          /\n          element: function () {\n          let e;\n          let c;\n          let v;\n          const\n          index = parserInput.i;\n          c = this.combinator();\n          e = parserInput.$re(/^(?:\\d+\\.\\d+|\\d+)%/)\n          ||\n          parserInput.$re(/^(?:[#]?[*]?(?:[\\w-]|\\[[^\\x00-\\x9f]]|\\[[^A-Za-z0-9]{1,6} ?|^A-Za-z0-9])+/)\n          ||\n          parserInput.$char('*') || parserInput.$char('&') || this.attribute() ||\n          parserInput.$re(/^\\[\\[^(&@)+\\]\\]/)\n          ||\n          parserInput.$re(/^\\[\\[\\.#:](?=@)/)\n          ||\n          this.entities.variableCurly();\n          if (!e) {\n          parserInput.save();\n          if (parserInput.$char('(')) {\n          if ((v = this.selector(false)) &&\n          parserInput.$char(')')) {\n          e = new(tree.Paren)(v);\n          parserInput.forget();\n          }\n          } else {\n          parserInput.restore('Missing closing \\')\\');\n          }\n          } else\n          {\n          parserInput.forget();\n          }\n          }\n          }\n          if (e) { return new(tree.Element)(c,\n          e, e instanceof tree.Variable, index, fileInfo); }\n          },\n          \n          /\n          // Combinators combine elements\n          together, in a Selector.\n          /\n          // Because our parser isn't white-space sensitive, special care\n          //\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
if (c === '/') {\n // parserInput.save();\n // const slashedCombinator = parserInput.$re(/^\|[a-
z]+\|[i]);\n // if (slashedCombinator) {\n // parserInput.forget();\n // return
new(tree.Combinator)(slashedCombinator);\n // }\n // parserInput.restore();\n // }\n
if (c === '>' || c === '+' || c === '~' || c === '|' || c === '^') {\n // parserInput.i++;\n // if (c ===
'^' && parserInput.currentChar() === '^') {\n
c = '^';\n // parserInput.i++;\n // }\n // while (parserInput.isWhitespace()) {\n
parserInput.i++; }\n // return new(tree.Combinator)(c);\n // } else if (parserInput.isWhitespace(-1))
{\n // return new(tree.Combinator)(' '); }\n // } else {\n // return
new(tree.Combinator)(null);\n // }\n // },\n // // \n // // A CSS Selector\n // // with less
extensions e.g. the ability to extend and guard\n // // \n // // .class > div + h1\n // // li a:ho\ver\n
// \n // // Selectors are made out of one or more Elements, see above.\n // // \n // selector: function
(isLess) {\n // const index = parserInput.i;\n // let elements;\n // let extendList;\n // let
c;\n // let e;\n // let allExtends;\n
let when;\n // let condition;\n // isLess = isLess !== false;\n // while ((isLess && (extendList
= this.extend())) || (isLess && (when = parserInput.$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) {\n
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("\u201cGuards are only currently allowed on a single selector.\u201c");\n
}\n // if (!parserInput.$char(',')) { break; }\n // if (s.condition) {\n // error("\u201cGuards
are only currently allowed on a single selector.\u201c");\n // }\n // parserInput.commentStore.length =
0;\n // }\n // return selectors;\n // },\n // attribute: function () {\n // if
(!parserInput.$char('=')) { return; }\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 // 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.$re(/^[iIsS]/);\n // }\n
}\n // expectChar(']');\n // return new(tree.Attribute)(key, op, val, cif);\n // },\n // \n // \n //
// \n // // The `block` rule is used by `ruleset` and `mixin.definition`. \n // // It's a wrapper around the
`primary` rule, with added `{}`. \n // \n // block: function () {\n // let content;\n // if
(parserInput.$char('{') && (content = this.primary()) && parserInput.$char('}')) {\n

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        return content;\n        }\n        },\n\n        blockRuleset: function() {\n            let block =
this.block();\n            if (block) {\n                block = new tree.Ruleset(null, block);\n            }\nreturn block;\n        },\n\n        detachedRuleset: function() {\n            let argInfo;\n            let params;\n            let variadic;\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            parserInput.save();\n            if (context.dumpLineNumbers) {\n                debugInfo = getDebugInfo(parserInput.i);\n            }\n            selectors = this.selectors();\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            }\nreturn 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            if (c === '.' || c === '#' || c === '&' || c === ':') { return; }\n            parserInput.save();\n            name = this.variable() || this.ruleProperty();\n            if (name) {\n                isVariable = typeof name
=== 'string';\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                // 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            }\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            if (!value) {\n                value = this.value();\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        /*\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      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      done = testCurrentChar();\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 $parseUntil as it will not\n      if (parserInput.prevChar() === ' ') {\n
result.push(new tree.Anonymous(' ', index));\n      }\n      }\n      parserInput.save();\n
value = parserInput.$parseUntil(tok);\n      if (value) {\n      if (typeof value === 'string')
{\n      error(`Expected '${value}', 'Parse');\n      }\n      if (value.length === 1 &&
value[0] === ' ') {\n      parserInput.forget();\n      return new tree.Anonymous('', index);\n
      }\n      let item;\n      for (i = 0; i < value.length; i++) {\n      item = value[i];\n
      if (Array.isArray(item)) {\n      // Treat actual quotes as normal quoted values\n
result.push(new tree.Quoted(item[0], item[1], true, index, fileInfo));\n      }\n      else {\n
      if (i === value.length - 1) {\n      item = item.trim();\n      }\n      // Treat like quoted values, but replace vars like unquoted expressions\n      const
quote = new tree.Quoted("\\", item, true, index, fileInfo);\n      quote.variableRegex = /@([\w-]+)/g;\n
      quote.propRegex = /\$([\w-]+)/g;\n      result.push(quote);\n      }\n
      }\n      parserInput.forget();\n      return new tree.Expression(result, true);\n      }\n
parserInput.restore();\n      },\n      //\n      // An @import atrule\n      //\n      // @import
\"lib\";\n      //\n      // Depending on our environment, importing is done differently:\n      // In the
browser, it's an XHR request, in Node, it would be a\n      // file-system operation. The function used for
importing is\n      // stored in `import`, which we pass
to the Import constructor.\n      //\n      'import': function () {\n      let path;\n      let features;\n
      const index = parserInput.i;\n      const dir = parserInput.$re(/^@import\s+/);\n      if (dir) {\n
      const options = (dir ? this.importOptions() : null) || {};\n      if ((path = this.entities.quoted() ||
this.entities.url())) {\n      features = this.mediaFeatures();\n      if (!parserInput.$char(';')) {\n
parserInput.i = index;\n      error('missing semi-colon or unrecognised media features
on import');\n      }\n      features = features && new(tree.Value)(features);\n
return new(tree.Import)(path, features, options, index, fileInfo);\n      }\n      else {\n
parserInput.i =
index;\n      error('malformed import statement');\n      }\n      }\n      },\n
importOptions: function() {\n      let o;\n      const options = {};\n      let optionName;\n
let value;\n      // list of options, surrounded by parens\n      if (!parserInput.$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      importOption: function() {\n      const opt =

```

```

parserInput.$re(/^(<|css|multiple|once|inline|reference|optional)/);
if (opt) {
  return
  opt[1];
},
mediaFeature: function () {
  const entities = this.entities;
  const nodes = [];
  let e;
  let p;
  parserInput.save();
  do {
    e = entities.keyword() || entities.variable() || entities.mixinLookup();
    if (e) {
      nodes.push(e);
    } else if (parserInput.$char('(')) {
      p = this.property();
      e = this.value();
      if (parserInput.$char(')')) {
        if (p && e) {
          nodes.push(new(tree.Paren)(new(tree.Declaration)(p, e, null, null,
parserInput.i, fileInfo, true)));
        } else if (e) {
          nodes.push(new(tree.Paren)(e));
        } else {
          error('badly formed media feature
definition');
        } else {
          error('Missing closing \\\)', 'Parse');
        }
      } while (e);
      parserInput.forget();
      if (nodes.length >
0) {
        return new(tree.Expression)(nodes);
      }
},
mediaFeatures: function () {
  const entities
= this.entities;
  const features = [];
  let e;
  do {
    e =
this.mediaFeature();
    if (e) {
      features.push(e);
    } else {
      e = entities.variable() ||
entities.mixinLookup();
      if (e) {
        features.push(e);
      } else {
        (!parserInput.$char(',')) { break; }
      }
    } while (e);
    return
features.length > 0 ? features : null;
  },
media: function () {
    let features;
    let
rules;
    let media;
    let debugInfo;
    const index = parserInput.i;
    if
(context.dumpLineNumbers) {
      debugInfo = getDebugInfo(index);
    }
    parserInput.save();
    if (parserInput.$str('@media')) {
      features =
this.mediaFeatures();
      rules = this.block();
      if (!rules) {
        error('media
definitions require block statements after any features');
      }
      parserInput.forget();
      media = new(tree.Media)(rules, features, index, fileInfo);
      if (context.dumpLineNumbers) {
        media.debugInfo = debugInfo;
      }
      return media;
    }
  },
// A @plugin directive, used to import plugins
dynamically.
// @plugin (args) "lib";
plugin: function () {
  let
path;
  let args;
  let options;
  const index = parserInput.i;
  const dir =
parserInput.$re(/^@plugin\s+/);
  if (dir) {
    args = this.pluginArgs();
    if
(args) {
      options = {
        pluginArgs: args,
        isPlugin: true;
      };
    } else {
      options = { isPlugin: true };
    }
  }
  if ((path = this.entities.quoted() || this.entities.url())) {
    if (!parserInput.$char(';')) {
      parserInput.i = index;
      error('missing semi-colon on @plugin');
    }
  }
  return new(tree.Import)(path, null, options, index, fileInfo);
} else {
  parserInput.i = index;
  error('malformed @plugin statement');
}
},
pluginArgs: function() {
  // list of options, surrounded by parens
  parserInput.save();
  if (!parserInput.$char('(')) {
    parserInput.restore();
    return
null;
  }
  const args = parserInput.$re(/^\s*([^\s;]+)\s*/);
  if (args[1]) {
    parserInput.forget();
    return args[1].trim();
  } else {
    parserInput.restore();
    return null;
  }
},
// A CSS AtRule
// @charset "utf-8";
atrule: function () {
  const index =
parserInput.i;
  let name;
  let
value;
  let rules;
  let nonVendorSpecificName;
  let
hasIdentifier;
  let hasExpression;
  let hasUnknown;
  let hasBlock = true;
  let isRooted =
true;
  if (parserInput.currentChar() !== '@') { return; }
  value = this['import']() ||
this.plugin() || this.media();
  if (value) {
    return value;
  }

```

```

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\n        (nonVendorSpecificName) {\n        case '@charset':\n        hasIdentifier\n        = 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\n        '@document':\n        case '@supports':\n        hasUnknown = true;\n        isRooted =\n        false;\n        break;\n        default:\n        hasUnknown = true;\n        break;\n        }\n\n        parserInput.commentStore.length = 0;\n        if (hasIdentifier) {\n        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\n        (!value) {\n        if (!hasBlock && parserInput.currentChar() !== ';') {\n        error(`${name}\n        rule is missing block or ending semi-colon`);\n        }\n        }\n        else if (!value.value)\n        {\n        value = null;\n        }\n        }\n\n        if (hasBlock) {\n        rules =\n        this.blockRuleset();\n        }\n\n        if (rules || (!hasBlock && value && parserInput.$char(';'))) {\n        parserInput.forget();\n\n        return new(tree.AtRule)(name, value, rules, index, fileInfo,\n        context.dumpLineNumbers\n        ? getDebugInfo(index) : null,\n        isRooted\n        );\n        }\n\n        parserInput.restore('at-rule options not recognised');\n        },\n        //\n        // A Value is a comma-\n        delimited list of Expressions\n        //\n        // font-family: Baskerville, Georgia, serif;\n        //\n        //\n        In a Rule, a Value represents everything after the `:`,\n        // and before the `;`.\n        //\n        value:\n        function () {\n        let e;\n        const expressions = [];\n        const index = parserInput.i;\n        do {\n        e = this.expression();\n        if (e)\n        expressions.push(e);\n        if\n        (!parserInput.$char(',')) { break; }\n        }\n        } while (e);\n\n        if (expressions.length > 0) {\n        return\n        new(tree.Value)(expressions, index);\n        }\n\n        (parserInput.currentChar() === '!') {\n        return parserInput.$re(/^!*important/);\n        },\n        },\n        sub: function () {\n        let a;\n        let e;\n        parserInput.save();\n        if\n        (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\n        parserInput.restore();\n        },\n        multiplication: function () {\n        let m;\n        let a;\n        let op;\n        let\n        operation;\n        let isSpaced;\n        m = this.operand();\n        if (m) {\n        isSpaced =\n        parserInput.isWhitespace(-1);\n        while (true) {\n        if (parserInput.peek(/^\\|[*\\|/]) {\n        break;\n        }\n        parserInput.save();\n        op = parserInput.$char('/')\n        || parserInput.$char('*') || parserInput.$str('/');\n        if (!op) {\n        parserInput.forget();\n        break;\n        }\n        a = this.operand();\n        if (!a) {\n        parserInput.restore();\n        break;\n        }\n        parserInput.forget();\n        m.parensInOp = true;\n        a.parensInOp = true;\n        operation = new(tree.Operation)(op,\n        [operation || m, a], isSpaced);\n        isSpaced = parserInput.isWhitespace(-1);\n        }\n        return operation || m;\n        },\n        addition: function () {\n        let m;\n        let a;\n        let op;\n        let operation;\n        let isSpaced;\n        m = this.multiplication();\n        if\n        (m) {\n        isSpaced = parserInput.isWhitespace(-1);\n        while (true) {\n        op =\n        parserInput.$re(/^\\|[-+]\\|s+/) || (!isSpaced && (parserInput.$char('+') || parserInput.$char('-')));\n        if
    
```

```

(!op) {\n
break;\n
}\n
a = this.multiplication();\n
if (!a)
{\n
break;\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
a = this.condition(true);\n
if (a) {\n
while (true) {\n
if (!parserInput.peek(/^\s*(not\s*)?\s*\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
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.$str('and');\n
}\n
result = insideCondition();\n
if (!result) {\n
return ;\n
}\n
logical = and();\n
if (logical) {\n
next = this.conditionAnd(needsParens);\n
if (next) {\n
result =
new(tree.Condition)(logical, result, next);\n
} else {\n
return ;\n
}\n
}\n
return result;\n
},\n
negatedCondition:
function (needsParens) {\n
if (parserInput.$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.$char('')) {\n
parserInput.restore();\n
return ;\n
}\n
parserInput.forget();\n
return body;\n
}\n
let body;\n
parserInput.save();\n
if (!parserInput.$str('(')) {\n
parserInput.restore();\n
return ;\n
}\n
body =
tryConditionFollowedByParenthesis(this);\n
if (body) {\n
parserInput.forget();\n
return body;\n
}\n
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
}\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
function cond() {\n
return this.addition() || entities.keyword() || entities.quoted() || entities.mixinLookup();\n
}\n
cond
= cond.bind(this);\n
a = cond();\n
if (a) {\n
if (parserInput.$char('>')) {\n
if (parserInput.$char('=')) {\n
op = '>=';\n
} else {\n
op = '>';\n
}\n
}\n
} else {\n
if (parserInput.$char('<')) {\n
if (parserInput.$char('=')) {\n
op = '<=';\n
} else {\n
op = '<';\n
}\n
}\n
}\n
}\n
else {\n
if (parserInput.$char('=')) {\n
if (parserInput.$char('>'))

```



```

    {\n
      op = '='>;\n
    } else if (parserInput.$char('<')) {\n
      op = '='<;\n
    } else {\n
      op = '=';\n
    }\n
    if (op) {\n
      b = cond();\n
      if (b) {\n
        c = new(tree.Condition)(op, a, b, index, false);\n
      } else {\n
        error('expected expression');\n
      } else {\n
        c =
new(tree.Condition)('=', a, new(tree.Keyword)('true'), index, false);\n
      }\n
      return c;\n
    }\n
  },\n
  // An operand is anything that can be part of an operation,\n
  // such as a Color, or a Variable\n
  // operand: function () {\n
    const entities = this.entities;\n
    let negate;\n
    if (parserInput.peek(/^-[@\$\{\}\/]) {\n
      negate = parserInput.$char('-);\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
    if (negate) {\n
      o.parensInOp = true;\n
      o = new(tree.Negative)(o);\n
    }\n
    return o;\n
  },\n
  // Expressions either represent mathematical operations,\n
  // or white-space delimited Entities.\n
  // 1px solid black\n
  // @var * 2\n
  // expression: function ()
{\n
  const entities = [];\n
  let e;\n
  let delim;\n
  const index = parserInput.i;\n
  do
{\n
  e = this.comment();\n
  if (e) {\n
    entities.push(e);\n
  }\n
  continue;\n
  } while (e = this.addition() || this.entity());\n
  if (e instanceof tree.Comment) {\n
    e = null;\n
  }\n
  if (e) {\n
    entities.push(e);\n
  }\n
  // operations do not allow keyword "\" dimension (e.g. small/20px) so we support that here\n
  if (!parserInput.peek(/^\\[\\w*\/]) {\n
    delim = parserInput.$char('/);\n
    if (delim) {\n
      entities.push(new(tree.Anonymous)(delim, index));\n
    }\n
  }\n
  }\n
  } while (e);\n
  if (entities.length > 0) {\n
    return
new(tree.Expression)(entities);\n
  },\n
  property: function () {\n
    const name =
parserInput.$re(/^(\w*?-?[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
    parserInput.save();\n
    const simpleProperty = parserInput.$re(/^([a-zA-Z0-9-
]+)\s*:/);\n
    if (simpleProperty) {\n
      name = [new(tree.Keyword)(simpleProperty[1])];\n
      parserInput.forget();\n
      return name;\n
    }\n
    function match(re) {\n
      const
      chunk = parserInput.$re(re);\n
      if (chunk) {\n
        index.push(i);\n
        return
name.push(chunk[1]);\n
      }\n
      match(/^(\w*?)/);\n
      while (true) {\n
        if (!match(/^((?:[\w-]+)|(?:[@\$\{\}\/\w-]+)))/) {\n
          break;\n
        }\n
        if ((name.length > 1) && match(/^((?:\w+_|)+)\s*:/) {\n
          parserInput.forget();\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)('${s.slice(2, -
1)}', index[k], fileInfo));\n
          }\n
          return name;\n
        }\n
        parserInput.restore();\n
      }\n
    }\n
  },\n
  };
\n\n
Parser.serializeVars = vars => {\n
  let s = ";\n
  for (const name in vars) {\n
    if (Object.hasOwnProperty.call(vars, name)) {\n
      const value = vars[name];\n
      s += `${(name[0] === '@')
? " : '@' + name}: ${value}${(String(value).slice(-1) === ';') ? " : '";\n
    }\n
  }\n
  return s;\n
};\n\n
\n\n
export
default Parser;\n\n
"import Anonymous from './tree/anonymous';\n
import Keyword from
 './tree/keyword';\n
function boolean(condition) {\n
  return condition ? Keyword.True :
Keyword.False;\n
}\n\n
/**

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* 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\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}\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}\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        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      let m1;\n      let m2;\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        } else if (h * 2 < 1) {\n          return m2;\n        } else if (h
* 3 < 2) {\n          return m1 + (m2 - m1) * (2 / 3 - h) * 6;\n        } else {\n          return
m1;\n        }\n      }\n      h = (number(h) % 360) / 360;\n      s = clamp(number(s));\n      l =
clamp(number(l));\n      a = clamp(number(a));\n      m2 = 1 <= 0.5 ? 1 * (s + 1) : 1 + s - 1 * s;\n      m1 = 1 * 2 -
m2;\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    hsv: function(h, s, v)
{\n      return colorFunctions.hsva(h, s, v, 1.0);\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      let i;\n      let f;\n      i =
Math.floor((h / 60) % 6);\n      f = (h / 60) - i;\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

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[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    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    if (typeof method !== 'undefined' && method.value === 'relative') {\n      hsl.s += hsl.s * amount.value / 100;\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    if (typeof method !== 'undefined' && method.value === 'relative') {\n      hsl.s -= hsl.s * amount.value / 100;\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    if (typeof method !== 'undefined' && method.value === 'relative') {\n      hsl.l += hsl.l * amount.value / 100;\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    if (typeof method !== 'undefined' && method.value === 'relative') {\n      hsl.l -= hsl.l * amount.value / 100;\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    if (typeof method !== 'undefined' && method.value === 'relative') {\n      hsl.a += hsl.a * amount.value / 100;\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    if (typeof method !== 'undefined' && method.value === 'relative') {\n      hsl.a -= hsl.a * amount.value / 100;\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    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    hsl.h = hue < 0 ? 360 + hue : hue;\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    const w1 = (((w * a === -1) ? w : (w + a) / (1 + w * a)) + 1) / 2.0;\n    const w2 = 1 - w1;\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    const alpha = color1.alpha * p + color2.alpha * (1 - p);\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  {\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

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out which is actually light and dark:\n    if (dark.luma() > light.luma()) {\n        const t = light;\n        light =\n        dark;\n        dark = t;\n    }\n    if (typeof threshold === 'undefined') {\n        threshold = 0.43;\n    } else\n    {\n        threshold = number(threshold);\n    }\n    if (color.luma() < threshold) {\n        return light;\n    }\n    else {\n        return dark;\n    }\n},\n // Changes made in 2.7.0 - Reverted in 3.0.0\n // contrast: function\n(color, color1, color2, threshold) {\n // // Return\n    which of `color1` and `color2` has the greatest contrast with `color`\n // // according to the standard WCAG\n    contrast ratio calculation.\n // // http://www.w3.org/TR/WCAG20/#contrast-ratiodef\n // // The threshold\n    param is no longer used, in line with SASS.\n // // filter: contrast(3.2);\n // // should be kept as is, so check\n    for color\n // // if (!color.rgb) {\n // //     return null;\n // // }\n // // if (typeof color1 === 'undefined') {\n // //     color1 = colorFunctions.rgb(0, 0, 0, 1.0);\n // // }\n // // if (typeof color2 === 'undefined') {\n // //     color2 = colorFunctions.rgb(255, 255, 255, 1.0);\n // // }\n // // var contrast1, contrast2;\n // // var luma =\n    color.luma();\n // // var luma1 = color1.luma();\n // // var luma2 = color2.luma();\n // // // Calculate contrast\n    ratios for each color\n // // if (luma > luma1) {\n // //     contrast1 = (luma + 0.05) / (luma1 + 0.05);\n // // }\n // // } else {\n // //     contrast1 = (luma1 + 0.05) / (luma + 0.05);\n // // }\n // // if (luma > luma2) {\n // //     contrast2 = (luma + 0.05) / (luma2 + 0.05);\n // // }\n // // } else {\n // //     contrast2 = (luma2 + 0.05) / (luma +\n    0.05);\n // // }\n // // if (contrast1 > contrast2) {\n // //     return color1;\n // // }\n // // } else {\n // //     return\n    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}$/.test(c.value))) {\n            const val = c.value.slice(1);\n            return new Color(val, undefined,\n                `#${val}`);\n        }\n        if ((c instanceof Color) || (c = Color.fromKeyword(c.value))) {\n            c.value =\n            undefined;\n            return c;\n        }\n        throw {\n            type: 'Argument',\n            message: 'argument\n            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,\n        amount) {\n        return colorFunctions.mix(colorFunctions.rgb(0, 0, 0), color, amount);\n    }\n};\n\nexport default\n    colorFunctions;\n", "import Color from '../tree/color';\n\n// Color Blending\n// ref:\n    http://www.w3.org/TR/compositing-1\n\nfunction colorBlend(mode, color1, color2) {\n    const ab = color1.alpha;\n    // result\n    let // backdrop\n        cb;\n    const as = color2.alpha;\n    let // source\n        cs;\n    let ar;\n    let cr;\n    const r = [];\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    return new Color(r, ar);\n}\n\nconst colorBlendModeFunctions = {\n    multiply:\n    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,\n            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)\n                * 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 -\n            cs);\n    },\n    exclusion: function(cb, cs) {\n        return cb + cs - 2 * cb * cs;\n    }\n};\n\n// non-w3c functions:\n    average: function(cb, cs) {\n        return (cb + cs) / 2;\n    },\n    negation: function(cb, cs)\n    {\n        return 1 - Math.abs(cb + cs - 1);\n    }\n};\n\nfor (const f in colorBlendModeFunctions) {\n    if\n    (colorBlendModeFunctions.hasOwnProperty(f)) {\n        colorBlend[f] = colorBlend.bind(null,\n            colorBlendModeFunctions[f]);\n    }\n}\n\nexport default colorBlend;\n", "import Comment from\n    '../tree/comment';\nimport Node from '../tree/node';\nimport Dimension from '../tree/dimension';\nimport Declaration\n    from '../tree/declaration';\nimport Expression from '../tree/expression';\nimport Ruleset from '../tree/ruleset';\nimport Selector from\n    '../tree/selector';\nimport Element from\n    '../tree/element';\nimport Quote from\n    '../tree/quoted';\nimport Value from\n    '../tree/value';\n\nconst getItemsFromNode = node => {\n    // handle non-array values as an array of\n    length 1\n    // return 'undefined' if index is invalid\n    const items = Array.isArray(node.value) ?\n
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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    return getItemsFromNode(values)[index];\n  },\n  length: function(values) {\n    return new Dimension(getItemsFromNode(values).length);\n  },\n  /**\n   * Creates a Less list of incremental values.\n   * Modeled after Lodash's range function, also exists natively in PHP\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    }\n    else {\n      from = 1;\n      to = start;\n    }\n    for (let i = from; i <= to.value; i += stepValue) {\n      list.push(new Dimension(i, to.unit));\n    }\n    return new Expression(list);\n  },\n  each: function(list, rs) {\n    const rules = [];\n    let newRules;\n    let iterator;\n    const tryEval = val => {\n      if (val instanceof Node) {\n        return val.eval(this.context);\n      }\n      return val;\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      let valueName = '@value';\n      let keyName = '@key';\n      let indexName = '@index';\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      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        if (item instanceof Comment) {\n          continue;\n        }\n        newRules = rs.rules.slice(0);\n        if (valueName) {\n          newRules.push(new Declaration(valueName, value, false, false, this.index, this.currentFileInfo));\n        }\n        if (indexName) {\n          newRules.push(new Declaration(indexName, new Dimension(i + 1), false, false, this.index, this.currentFileInfo));\n        }\n        if (keyName) {\n          newRules.push(new Declaration(keyName, key, false, false, this.index, this.currentFileInfo));\n        }\n        rules.push(new Ruleset([ new(Selector)([ new Element("\\", '&') ]), newRules, rs.strictImports, rs.visibilityInfo()\n        ]));\n      }\n    }\n    return new Ruleset([ new(Selector)([ new Element("\\", '&') ]), rules, rs.strictImports, rs.visibilityInfo()\n    ].eval(this.context);\n  };\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;\n", "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';\n\nimport Anonymous from './tree/anonymous';\n\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:

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'one or more arguments required' };
}
let i; // key is the unit.toString() for unified Dimension values,
let j;
let current;
let currentUnified;
let referenceUnified;
let unit;
let unitStatic;
let unitClone;
const // elems only contains original argument values.
order = [];
const values = {}; // value is the
index into the order array.
for (i = 0; i < args.length;
i++) {
current = args[i];
if (!(current instanceof Dimension)) {
if (Array.isArray(args[i].value)) {
Array.prototype.push.apply(args, Array.prototype.slice.call(args[i].value));
}
continue;
}
currentUnified = current.unit.toString() === "" && unitClone !== undefined ? new
Dimension(current.value, unitClone).unify() : current.unify();
unit = currentUnified.unit.toString() === "" &&
unitStatic !== undefined ? unitStatic : currentUnified.unit.toString();
unitStatic = unit !== "" && unitStatic
=== undefined || unit !== "" && order[0].unify().unit.toString() === "" ? unit : unitStatic;
unitClone = unit !== ""
&& unitClone === undefined ? current.unit.toString() : unitClone;
j = values[""] !== undefined && unit !== ""
&& unit === unitStatic ? values[""] : values[unit];
if (j === undefined) {
if (unitStatic !== undefined
&& unit !== unitStatic)
{
throw { type: 'Argument', message: 'incompatible types' };
}
values[unit] =
order.length;
order.push(current);
continue;
}
referenceUnified =
order[j].unit.toString() === "" && unitClone !== undefined ? new Dimension(order[j].value, unitClone).unify() :
order[j].unify();
if (isMin && currentUnified.value < referenceUnified.value || !isMin &&
currentUnified.value > referenceUnified.value) {
order[j] = current;
}
}
if (order.length === 1)
{
return order[0];
}
args = order.map(function (a) { return a.toCSS(this.context);
}).join(this.context.compress ? ', ' : ', ');
return new Anonymous(`${isMin ? 'min' :
'max'}(${args})`);
}
export default {
min: function(...args) {
try {
return minMax(true,
args);
} catch (e) {}
},
max: function(...args) {
try {
return minMax(false, args);
} catch (e) {}
},
convert: function (val, unit) {
return
val.convertTo(unit.value);
},
pi: function () {
return new Dimension(Math.PI);
},
mod:
function(a, b) {
return new Dimension(a.value % b.value, a.unit);
},
pow: function(x, y) {
if
(typeof x === 'number' && typeof y === 'number') {
x = new Dimension(x);
y = new
Dimension(y);
} else if (!(x instanceof Dimension) || !(y instanceof Dimension)) {
throw { type:
'Argument', message: 'arguments must be numbers' };
}
return new Dimension(Math.pow(x.value,
y.value), x.unit);
},
percentage: function (n) {
const result = mathHelper(num => num * 100, '%',
n);
return result;
}
};
import Quoted from './tree/quoted';
import Anonymous from
'./tree/anonymous';
import JavaScript from './tree/javascript';
export default
{
e: function (str) {
return new Quoted(``, str instanceof JavaScript ? str.evaluated : str.value, true);
},
escape: function (str) {
return new Anonymous(
encodeURIComponent(str.value).replace(/=/g,
'%3D').replace(/:/g, '%3A').replace(/#/g, '%23').replace(/;/g, '%3B')
.replace(/\\(/g, '%28').replace(/\\)/g,
'%29'));
},
replace: function (string, pattern, replacement, flags) {
let result = string.value;
replacement = (replacement.type === 'Quoted') ?
replacement.value : replacement.toCSS();
result =
result.replace(new RegExp(pattern.value, flags ? flags.value : ''), replacement);
return new
Quoted(string.quote || "", result, string.escaped);
},
'%': function (string /* arg, arg, ... */) {
const args =
Array.prototype.slice.call(arguments, 1);
let result = string.value;
for (let i = 0; i < args.length; i++)
{
/* jshint loopfunc:true
*/
result = result.replace(/%[sda]/i, token => {
const value = ((args[i].type === 'Quoted') &&
token.match(/s/i)) ? args[i].value : args[i].toCSS();
return token.match(/[A-Z]/) ?
encodeURIComponent(value) : value;
});
}
result = result.replace(/%g/g, '%');
return
new Quoted(string.quote || "", result, string.escaped);
}
};
import Keyword from './tree/keyword';
import DetachedRuleset from './tree/detached-ruleset';
import Dimension from './tree/dimension';
import Color from
'./tree/color';
import Quoted from './tree/quoted';
import Anonymous from './tree/anonymous';
import URL
from './tree/url';
import Operation from './tree/operation';
const isa = (n, Type) => (n instanceof Type) ?
Keyword.True : Keyword.False;
const isunit = (n, unit) => {
if (unit === undefined) {
throw { type:

```

```

'Argument', message: 'missing the required second
argument to isunit.' };
}
unit = typeof unit.value === 'string' ? unit.value : unit;
if (typeof unit !==
'string') {
throw { type: 'Argument', message: 'Second argument to isunit should be a unit or a string.' };
}
return (n instanceof Dimension) && n.unit.is(unit) ? Keyword.True : Keyword.False;
}
}
}
export default {
isruleset: function (n) {
return isa(n, DetachedRuleset);
},
iscolor: function (n) {
return isa(n, Color);
},
isnumber: function (n) {
return isa(n, Dimension);
},
isstring: function (n) {
return isa(n, Quoted);
},
iskeyword: function (n) {
return isa(n, Keyword);
},
isurl: function (n) {
return isa(n, URL);
},
ispixel: function (n) {
return isunit(n, 'px');
},
ispercentage:
function (n) {
return isunit(n, '%');
},
isem: function (n) {
return isunit(n, 'em');
},
isunit,
unit: function (val, unit) {
if (!(val instanceof Dimension)) {
throw { type: 'Argument',
message: `the first argument to unit must be a number${val instanceof Operation ? '. Have you forgotten
parenthesis?' : ''}` };
}
if (unit) {
if (unit instanceof Keyword) {
unit = unit.value;
} else {
unit = unit.toCSS();
}
} else {
unit = "";
}
return new
Dimension(val.value, unit);
},
'get-unit': function (n) {
return new Anonymous(n.unit);
}
};
", "import functionRegistry from './function-registry';
import functionCaller from './function-caller';
import boolean from './boolean';
import defaultFunc from './default';
import color from './color';
import colorBlending from './color-blending';
import dataUri from './data-uri';
import list from './list';
import math from './math';
import
number from './number';
import string from './string';
import svg from './svg';
import types from './types';
}
export default environment => {
const functions = { functionRegistry, functionCaller };
//
register functions
functionRegistry.addMultiple(boolean);
functionRegistry.add('default',
defaultFunc.eval.bind(defaultFunc));
functionRegistry.addMultiple(color);
functionRegistry.addMultiple(colorBlending);
functionRegistry.addMultiple(dataUri(environment));
functionRegistry.addMultiple(list);
functionRegistry.addMultiple(math);
functionRegistry.addMultiple(number);
functionRegistry.addMultiple(string);
functionRegistry.addMultiple(svg(environment));
functionRegistry.addMultiple(types);
}
return
functions;
};
", "import Quoted from './tree/quoted';
import URL from './tree/url';
import * as utils from './utils';
import logger from './logger';
}
export default environment => {
const fallback
= (functionThis, node) => new URL(node, functionThis.index,
functionThis.currentFileInfo).eval(functionThis.context);
return { 'data-uri': function (mimetypeNode,
filePathNode) {
if (!filePathNode) {
filePathNode = mimetypeNode;
mimetypeNode =
null;
}
let mimetype = mimetypeNode && mimetypeNode.value;
let filePath =
filePathNode.value;
const currentFileInfo = this.currentFileInfo;
const currentDirectory =
currentFileInfo.rewriteUrls ?
currentFileInfo.currentDirectory : currentFileInfo.entryPath;
const
fragmentStart = filePath.indexOf('#');
let fragment = "";
if (fragmentStart !== -1) {
fragment =
filePath.slice(fragmentStart);
filePath = filePath.slice(0, fragmentStart);
}
const context =
utils.clone(this.context);
context.rawBuffer = true;
const fileManager =
environment.getFileManager(filePath,
currentDirectory, context, environment, true);
if (!fileManager) {
return fallback(this,
filePathNode);
}
let useBase64 = false;
// detect the mimetype if not given
if
(!mimetypeNode) {
mimetype = environment.mimeLookup(filePath);
if (mimetype ===
'image/svg+xml') {
useBase64 = false;
} else {
// use base 64 unless it's an ASCII or
UTF-8 format
const charset = environment.charsetLookup(mimetype);
useBase64 = ['US-
ASCII', 'UTF-8'].indexOf(charset) < 0;
}
if (useBase64) {
mimetype += ';base64';
}
}
else {
useBase64 = /;base64$/ .test(mimetype);
}
const fileSync =
fileManager.loadFileSync(filePath, currentDirectory, context, environment);
if (!fileSync.contents) {
logger.warn(`Skipped data-uri embedding of

```

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    ${filePath} because file not found`);\n        return fallback(this, filePathNode || mimetypeNode);\n    }\n    let
buf = fileSync.contents);\n    if (useBase64 && !environment.encodeBase64) {\n        return fallback(this,
filePathNode);\n    }\n    buf = useBase64 ? environment.encodeBase64(buf) :
encodeURIComponent(buf);\n    const uri = `data:${mimetype},${buf}${fragment}`;\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';\n\nexport default
environment => {\n    return {\n        '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            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            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            switch (directionValue) {\n                case 'to
bottom':\n                    gradientDirectionSvg = 'x1="0%" y1="0%" x2="100%" 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 =
'regular';\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\', \\'to bottom
right\', \\'to top right\' or \\'ellipse at center\'' }\n            }\n            returner = `

```



```

tree.Declaration(`@${k}`, value, false, null, 0);\n    });\n    evalEnv.frames = [new tree.Ruleset(null,\nvariables)];\n    }\n\n    const visitors = [\n        new visitor.JoinSelectorVisitor(),\n        new\nvisitor.MarkVisibleSelectorsVisitor(true),\n        new visitor.ExtendVisitor(),\n        new\nvisitor.ToCSSVisitor({compress: Boolean(options.compress)})\n    ];\n\n    const preEvalVisitors = [];\n    let v;\n\n    let visitorIterator;\n\n    /**\n     * first() / get() allows visitors to be added while visiting\n     * \n     * @todo\n     Add scoping for visitors just like functions for @plugin; right now they're global\n     */\n    if\n(options.pluginManager) {\n        visitorIterator = options.pluginManager.visitor();\n        for (var i = 0; i < 2; i++)\n        {\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                    }\n                }\n                else {\n                    if (i === 0 || visitors.indexOf(v) === -1) {\n                        if (v.isPreVisitor) {\n                            visitors.unshift(v);\n                        }\n                        else {\n                            visitors.push(v);\n                        }\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\n    added after eval pass\n    if (options.pluginManager) {\n        visitorIterator.first();\n        while ((v =\nvisitorIterator.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"/**\n * Plugin Manager\n */\n\nclass\nPluginManager {\n    constructor(less) {\n        this.less = less;\n        this.visitors = [];\n        this.preProcessors =\n        [];\n        this.postProcessors = [];\n        this.installedPlugins = [];\n        this.fileManagers = [];\n        this.iterator = -\n        1;\n        this.pluginCache = {};\n        this.Loader = new less.PluginLoader(less);\n    }\n\n    /**\n     * Adds all the\n    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     * @param plugin\n     * @param {String} filename\n     */\n    addPlugin(plugin, filename, functionRegistry)\n    {\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 ||\nthis.less.functions.functionRegistry);\n        }\n    }\n\n    /**\n     * @param filename\n     */\n    get(filename)\n    {\n        return this.pluginCache[filename];\n    }\n\n    /**\n     * Adds a visitor. The visitor object has options on\n    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\n     - guidelines 1 = before import, 1000 = import, 2000 = after import\n     */\n    addPreProcessor(preProcessor,\n    priority) {\n        let indexToInsertAt;\n        for (indexToInsertAt = 0; indexToInsertAt < this.preProcessors.length;\nindexToInsertAt++) {\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\n    = before compression, 1000 = compression, 2000 = after compression\n     */\n    addPostProcessor(postProcessor,\n    priority) {\n        let indexToInsertAt;\n        for (indexToInsertAt = 0; indexToInsertAt < this.postProcessors.length;\nindexToInsertAt++) {\n            if (this.postProcessors[indexToInsertAt].priority >= priority) {\n                break;\n            }\n        }\n        this.postProcessors.splice(indexToInsertAt, 0, {postProcessor, priority});\n    }\n\n    /**\n     * @param\n    manager\n     */\n    addFileManager(manager) {\n        this.fileManagers.push(manager);\n    }\n\n    /**\n     * @returns {Array}\n     * @private\n     */\n    getPreProcessors() {\n        const preProcessors = [];\n        for (let i\n    = 0; i < this.preProcessors.length; i++) {\n            preProcessors.push(this.preProcessors[i].preProcessor);\n        }\n        return preProcessors;\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     * @returns {Array}\n     * @private\n     */\n    getVisitors() {\n        return this.visitors;\n    }\n\n    visitor()\n    {\n
```

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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     * @returns {Array}\n     * @private\n     */\n    getFileManagers() {\n        return this.fileManagers;\n    }\n\n    let pm;\n    const PluginManagerFactory =
function(less, newFactory) {\n        if (newFactory || !pm) {\n            pm = new PluginManager(less);\n        }\n        return
pm;\n    };\n\n    export default PluginManagerFactory;\n\n    "use strict";\n\n    function parseNodeVersion(version) {\n        var match = version.match(/^(v|)(\d{1,2})\.(?:(\d{1,2})|(?-([0-9A-Za-z-.]+)?)?(?:(\d{1,2})|(?-([0-9A-Za-z-.]+)?)?)?$/); //
eslint-disable-line max-len\n        if (!match) {\n            throw new Error('Unable to parse: ' + version);\n        }\n\n        var res = {\n            major:
parseInt(match[1], 10),\n            minor: parseInt(match[2], 10),\n            patch: parseInt(match[3], 10),\n            pre: match[4] || "",\n            build: match[5] || "",\n        };\n\n        return res;\n    }\n\n    module.exports = parseNodeVersion;\n\n    "/* global window,
XMLHttpRequest */\n\n    import AbstractFileManager from './less/environment/abstract-file-manager.js';\n\n    let
options;\n    let logger;\n    let fileCache = {};\n\n    // TODOS - move log somewhere. pathDiff and doing something
similar in node. use pathDiff in the other browser file for the initial load\n    const FileManager = function()\n    {\n        FileManager.prototype = Object.assign(new AbstractFileManager(), {\n            alwaysMakePathsAbsolute() {\n                return true;\n            },\n            join(basePath, laterPath) {\n                if (!basePath) {\n                    return laterPath;\n                }\n                return this.extractUrlParts(laterPath, basePath).path;\n            },\n            doXHR(url, type, callback, errback) {\n                const
xhr = new XMLHttpRequest();\n                const async = options.isFileProtocol\n                ? options.fileAsync : true;\n\n                if (typeof xhr.overrideMimeType === 'function') {\n                    xhr.overrideMimeType('text/css');\n                }\n\n                logger.debug('XHR: Getting '$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            supports() {\n                return true;\n            },\n            clearFileCache() {\n                fileCache = {};\n            },\n            loadFile(filename, currentDirectory, options, environment) {\n                // TODO: Add prefix support like less-node?\n                // What about multiple paths?\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 ${e.message}` });\n                        }\n                    }\n\n                    self.doXHR(href, options.mime,
function doXHRCallback(data, lastModified) {\n                        // per file cache\n                        fileCache[href] = data;\n\n                        // Use remote copy (re-parse)\n                        resolve({ contents: data, filename: href, webInfo: { lastModified
}});\n                    }, function doXHRError(status, url) {\n                        reject({
type: 'File', message: `'$url$' wasn't found (${status})`, href });\n                    });\n                });\n            },\n        });\n\n    export default
(opts, log) => {\n        options = opts;\n        logger = log;\n        return FileManager;\n    },\n    "import Environment from
'./environment/environment';\n    import data from './data';\n    import tree from './tree';\n    import AbstractFileManager
from './environment/abstract-file-manager';\n    import AbstractPluginLoader from './environment/abstract-plugin-

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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  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    }
 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';\n\nexport default
function(SourceMapBuilder) {\n  class ParseTree {\n    constructor(root, imports) {\n      this.root = root;\n
      this.imports = imports;\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      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        const toCSSOptions = {\n          compress,\n          dumpLineNumbers:
 options.dumpLineNumbers,\n          strictUnits: Boolean(options.strictUnits),\n          numPrecision:
 8};\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      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        if (options.sourceMap) {\n          result.map =
 sourceMapBuilder.getExternalSourceMap();\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\n  return

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ParseTree;\n};\n", "export default function (SourceMapOutput, environment) {\n  class SourceMapBuilder {\n    constructor(options) {\n      this.options = options;\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      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    getCSSAppendage() {\n      let sourceMapURL = this.sourceMapURL;\n      if (this.options.sourceMapFileInline) {\n        if (this.sourceMap === undefined) {\n          return `;\n          sourceMapURL = `data:application/json;base64,${environment.encodeBase64(this.sourceMap)}`;\n        }\n        if (this.options.disableSourcemapAnnotation) {\n          return `;\n          }\n        }\n        if (sourceMapURL) {\n          return `/*# sourceMappingURL=${sourceMapURL} */;\n          }\n        }\n        return `;\n          }\n        }\n        return this.sourceMap;\n      }\n      setExternalSourceMap(sourceMap) {\n        this.sourceMap = sourceMap;\n      }\n      isInline() {\n        return this.options.sourceMapFileInline;\n      }\n      getSourceMapURL() {\n        return this.sourceMapURL;\n      }\n      getOutputFilename() {\n        return this.options.sourceMapOutputFilename;\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      }\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      this._lineNumber = 0;\n      this._column = 0;\n    }\n    removeBasepath(path) {\n      if (this._sourceMapBasepath && path.indexOf(this._sourceMapBasepath) === 0) {\n        path = path.substring(this._sourceMapBasepath.length);\n      }\n      if (path.charAt(0) === '\\\\' || path.charAt(0) === '/') {\n        path = path.substring(1);\n      }\n      }\n      }\n      return path;\n    }\n    normalizeFilename(filename) {\n      filename = filename.replace(/\\\\\\\\g, '/');\n      filename = this.removeBasepath(filename);\n      return (this._sourceMapRootpath || '') + filename;\n    }\n    add(chunk, fileInfo, index, mapLines) {\n      // ignore adding empty strings\n      if (!chunk) {\n

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return;\n        }\n        let lines, sourceLines, columns, sourceColumns, i;\n        if (fileInfo &&
fileInfo.filename) {\n        let inputSource = this._contentsMap[fileInfo.filename];\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        *
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
inputSource = inputSource.substring(0, index);\n        sourceLines = inputSource.split("\n");\n
sourceColumns = sourceLines[sourceLines.length - 1];\n        }\n        lines = chunk.split("\n");\n
columns = lines[lines.length - 1];\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        if (lines.length === 1) {\n        this._column += columns.length;\n        } else {\n
this._lineNumber += lines.length - 1;\n        this._column = columns.length;\n        }\n
this._css.push(chunk);\n        }\n        isEmpty() {\n        return this._css.length === 0;\n        }\n
toCSS(context) {\n        this._sourceMapGenerator = new this._sourceMapGeneratorConstructor({ file:
this._outputFilename, sourceRoot: null });\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        this._rootNode.genCSS(context, this);\n        if (this._css.length > 0) {\n        let
sourceMapURL;\n        const sourceMapContent = JSON.stringify(this._sourceMapGenerator.toJSON());\n
if (this.sourceMapURL) {\n        sourceMapURL = this.sourceMapURL;\n        } else if
(this._sourceMapFilename) {\n        sourceMapURL = this._sourceMapFilename;\n        }\n
this.sourceMapURL = sourceMapURL;\n        this.sourceMap = sourceMapContent;\n        }\n
return this._css.join(");\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 = {};\n // map - filename to contents
of all the files\n
this.contentsIgnoredChars = {};\n // 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 = [];\n // Files which haven't been imported yet\n
this.files = {};\n // 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

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(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
\n
      const importManager = this, pluginLoader = this.context.pluginManager.Loader;\n\n
this.queue.push(path);\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      } 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      const newFileInfo = {\n          rewriteUrls:
this.context.rewriteUrls,\n          entryPath: currentFileInfo.entryPath,\n          rootpath:
currentFileInfo.rootpath,\n          rootFilename: currentFileInfo.rootFilename\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      const loadFileCallback = function(loadedFile) {\n
          let plugin;\n          const resolvedFilename = loadedFile.filename;\n          const contents =
loadedFile.contents.replace(/^\uFEFF/, "");\n          // Pass on an updated rootpath if path of imported file is
relative and file\n          // is in a (sub|sup) directory\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,\n
newFileInfo.entryPath));\n          if (!fileManager.isPathAbsolute(newFileInfo.rootpath) &&
fileManager.alwaysMakePathsAbsolute()) {\n          newFileInfo.rootpath =
fileManager.join(newFileInfo.entryPath, newFileInfo.rootpath);\n          }\n          }\n
newFileInfo.filename = resolvedFilename;\n          const newEnv = new
contexts.Parse(importManager.context);\n          newEnv.processImports = false;\n
importManager.contents[resolvedFilename] = contents;\n          if (currentFileInfo.reference ||
importOptions.reference) {\n          newFileInfo.reference = true;\n          }\n          if
(importOptions.isPlugin) {\n          plugin = pluginLoader.evalPlugin(contents, newEnv, importManager,\n
importOptions.pluginArgs, newFileInfo);\n          if (plugin instanceof LessError) {\n
fileParsedFunc(plugin, null,\n
resolvedFilename);\n          } else {\n          fileParsedFunc(null, plugin,\n
resolvedFilename);\n          } else if (importOptions.inline) {\n          fileParsedFunc(null,\n
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          &&\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

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        fileParsedFunc(e, root, resolvedFilename);\n
    });\n    }\n    }\n    });\n    let loadedFile;\n    let promise;\n    const context = utils.clone(this.context);\n    if (tryAppendExtension) {\n        context.ext =\n        importOptions.isPlugin ? '.js' : '.less';\n    }\n    if (importOptions.isPlugin) {\n        context.mime =\n        'application/javascript';\n    }\n    if (context.syncImport) {\n        loadedFile =\n        pluginLoader.loadPluginSync(path, currentFileInfo.currentDirectory, context, environment, fileManager);\n    } else {\n        promise = pluginLoader.loadPlugin(path, currentFileInfo.currentDirectory, context,\n        environment, fileManager);\n    }\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,\n            environment,\n            (err, loadedFile) => {\n                if (err) {\n                    fileParsedFunc(err);\n                } else {\n                    loadFileCallback(loadedFile);\n                }\n            });\n        }\n    }\n    if (loadedFile) {\n        if (!loadedFile.filename) {\n            fileParsedFunc(loadedFile);\n        } else {\n            loadFileCallback(loadedFile);\n        }\n    }\n    } else if (promise) {\n        promise.then(loadFileCallback, fileParsedFunc);\n    }\n    }\n    }\n    }\n    return ImportManager;\n};\n\n","import * as utils from './utils';\n\nexport default function(environment, ParseTree,\nImportManager) {\n    const render = function\n    (input, options, callback) {\n        if (typeof options === 'function') {\n            callback = options;\n            options =\n            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            {\n                render.call(self, input, options, function(err, output) {\n                    if (err) {\n                        reject(err);\n                    } else {\n                        resolve(output);\n                    }\n                });\n            });\n        }\n        else {\n            this.parse(input, options, function(err, root, imports, options) {\n                if (err) { return\n                callback(err); }\n                let result;\n                try {\n                    const parseTree = new ParseTree(root,\n                    imports);\n                    result = parseTree.toCSS(options);\n                }\n                catch (err) { return callback(err); }\n                callback(null, result);\n            });\n        }\n    }\n    return render;\n};\n\n","import contexts from './contexts';\nimport Parser from './parser/parser';\nimport\nPluginManager from './plugin-manager';\nimport LessError from './less-error';\nimport * as utils from\n './utils';\n\nexport default function(environment, ParseTree, ImportManager) {\n    const parse = function (input,\n    options, callback) {\n        if (typeof options === 'function') {\n            callback = options;\n            options =\n            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            {\n                parse.call(self, input, options, function(err, output) {\n                    if (err) {\n                        reject(err);\n                    } else {\n                        resolve(output);\n                    }\n                });\n            });\n        }\n        } else {\n            let context;\n            let rootFileInfo;\n            const pluginManager = new\n            PluginManager(this, !options.reUsePluginManager);\n            options.pluginManager = pluginManager;\n            context = new contexts.Parse(options);\n            if (options.rootFileInfo) {\n                rootFileInfo =\n                options.rootFileInfo;\n            } else {\n                const filename = options.filename || 'input';\n                const\n                entryPath = filename.replace(/^[^\\|\\\\]*$/, "");\n                rootFileInfo = {\n                    filename,\n                    rewriteUrls: context.rewriteUrls,\n                    rootpath: context.rootpath || "",\n                    currentDirectory:\n                    entryPath,\n                    entryPath,\n                    rootFilename: filename\n                };\n                // add in a missing trailing slash\n                if (rootFileInfo.rootpath &&\n                rootFileInfo.rootpath.slice(-1) !== '/') {\n                    rootFileInfo.rootpath += '/';\n                }\n            }\n            const imports = new ImportManager(this, context, rootFileInfo);\n            this.importManager = imports;\n            // TODO: allow the plugins to be just a list of paths or names\n            // Do an async plugin queue like lessc\n            if (options.plugins) {\n                options.plugins.forEach(function(plugin) {\n                    let evalResult,\n                    contents;\n                    if (plugin.fileContent) {\n                        contents = plugin.fileContent.replace(/^[^\\|\\\\]*$/, "\n");\n                    }\n                    evalResult = pluginManager.Loader.evalPlugin(contents, context, imports, plugin.options,\n
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plugin.filename);\n                if (evalResult instanceof LessError) {\n                    return\n                }\n                callback(evalResult);\n            }\n        }\n        else {\n            pluginManager.addPlugin(plugin);\n        }\n    });\n    }\n    new Parser(context, imports, rootFileInfo)\n        .parse(input, function (e,\nroot) {\n    if (e) { return callback(e); }\n        callback(null, root, imports, options);\n    },\noptions);\n    }\n    return parse;\n};\n\n", "// TODO: Add tests for browser @plugin\n/*\n * Browser Plugin\n * Loader\n */\nconst PluginLoader = function(less) {\n    this.less = less;\n    // Should we shim this.require for\nbrowser? Probably not?\n};\n\nPluginLoader.prototype = Object.assign(new AbstractPluginLoader(), {\nloadPlugin(filename, basePath, context, environment, fileManager) {\n    return new Promise((fulfill,\nreject) => {\n        fileManager.loadFile(filename, basePath, context, environment)\n        .then(fulfill).catch(reject);\n    });\n});\n\nexport default PluginLoader;\n\n", "import * as utils from\n './utils';\nimport browser from './browser';\n\nexport default (window, less, options) => {\n    function\nerrorHTML(e, rootHref) {\n        const id = `less-error-message:${utils.extractId(rootHref)}`;\n        const\ntemplate = `<li><label>{line}</label><pre class="{class}">{content}</pre></li>`;\n        const elem =\nwindow.document.createElement('div');\n        let timer;\n        let content;\n        const errors = [];\n        const\nfilename = e.filename || rootHref;\n        const filenameNoPath = filename.match(/(^[^\\|]+(\\|?.*)?)$/)[1];\n        elem.id\n            = id;\n        elem.className = 'less-error-message';\n        content = `<h3>${e.type || 'Syntax'}Error:\n${e.message || 'There is an error in your .less file'}` +\n        `<h3><p>in\n<a href="{filename}">{filenameNoPath}</a>`;\n        const errorline = (e, i, classname) => {\n            if\n(e.extract[i] !== undefined) {\n                errors.push(template.replace(/\\{line\\}/, (parseInt(e.line, 10) || 0) + (i -\n1))\n                .replace(/\\{class\\}/, classname)\n                .replace(/\\{content\\}/, e.extract[i]));\n            }\n        };\n        if (e.line) {\n            errorline(e, 0, "");\n            errorline(e, 1, 'line');\n            errorline(e, 2, "");\n        }\n        content += `on line ${e.line}, column ${e.column + 1}</p><ul>${errors.join("")}</ul>`;\n        if (e.stack\n        && (e.extract || options.logLevel >= 4)) {\n            content += `<br>Stack Trace<br\n/>${e.stack.split("\\n").slice(1).join("<br>")}`;\n        }\n        elem.innerHTML = content;\n        // CSS for error\nmessages\n        browser.createCSS(window.document, [\n            '.less-error-message ul, .less-error-message li {\n\n                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:\n4px 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\npre.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-\nmessage a {\n                color: #10a;\n            }',\n            '.less-error-message .error {\n                color: red;\n                font-weight:\nbold;\n                padding-bottom: 2px;\n                border-bottom: 1px dashed red;\n            }'\n        ].join("\\n"), {\n            title: 'error-message' });\n        elem.style.cssText = [\n            'font-family: Arial, sans-serif',\n            'border: 1px\nsolid #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\n                document = window.document;\n                const body = document.body;\n                if (body) {\n                    if\n                    (document.getElementById(id)) {\n                        body.replaceChild(elem, document.getElementById(id));\n                    }\n                    else {\n                        body.insertBefore(elem, body.firstChild);\n                    }\n                }\n                clearInterval(timer);\n            }, 10);\n        }\n    }\n\n    function\nremoveErrorHTML(path) {\n        const node = window.document.getElementById(`less-error-\nmessage:${utils.extractId(path)}`);\n        if (node) {\n            node.parentNode.removeChild(node);\n        }\n    }\n\n    function\nremoveErrorConsole(path) {\n        // no action\n    }\n\n    function\nremoveError(path) {\n        if

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(!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\nfunction 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  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  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\nfunction
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\nreturn {\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\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();\n\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}\n\naddDefaultOptions(window, options);\n\noptions.plugins = options.plugins ||
[];\n\nif (window.LESS_PLUGINS) {\n  options.plugins
= options.plugins.concat(window.LESS_PLUGINS);\n}\n\nconst less = root(window, options);\n\nexport default
less;\n\nwindow.less = less;\n\nlet css;\nlet head;\nlet style;\n\n// Always restore page visibility\n\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\n", "/* Export a new default each time\n\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';\n\nimport browser from './browser';\n\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\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","/\n\n// index.js\n\n// Should expose the
additional browser functions on to the less object\n\nimport
{addDataAttr} from './utils';\n\nimport lessRoot from './less';\n\nimport browser from './browser';\n\nimport FM from
'./file-manager';\n\nimport PluginLoader from './plugin-loader';\n\nimport LogListener from './log-listener';\n\nimport
ErrorReporting from './error-reporting';\n\nimport Cache from './cache';\n\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\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\n  if (options.functions) {\n    less.functions.functionRegistry.addMultiple(options.functions);\n  }\n\n  const
typePattern = /^text\\/(x-)?less$/;\n\n  function clone(obj) {\n    const cloned = {};\n    for (const prop in obj)
{\n      if (obj.hasOwnProperty(prop)) {\n        cloned[prop] = obj[prop];\n      }\n    }\n    return
cloned;\n  }\n\n  // only really needed for phantom\n  function bind(func, thisArg) {\n    const curryArgs =
Array.prototype.slice.call(arguments, 2);\n    return function() {\n      const args =
curryArgs.concat(Array.prototype.slice.call(arguments, 0));\n      return func.apply(thisArg, args);\n    }; \n
}\n\n  function loadStyles(modifyVars) {\n    const styles = document.getElementsByTagName('style');\n    let
style;\n\n    for (let i = 0; i < styles.length; i++) {\n      style = styles[i];\n      if
(style.type.match(typePattern)) {\n\n        const instanceOptions = clone(options);\n        instanceOptions.modifyVars = modifyVars;\n\n
const lessText = style.innerHTML || "";\n        instanceOptions.filename = document.location.href.replace(/#.*$/,
```

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");\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          }\n          if (style.styleSheet) {\n            style.styleSheet.cssText = result.css;\n          } else {\n            style.innerHTML = result.css;\n          }\n        }, null, style));\n    }\n  }\n\n  function\n  loadStyleSheet(sheet, callback, reload, remaining, modifyVars) {\n    const instanceOptions = clone(options);\n    addDataAttr(instanceOptions, sheet);\n    instanceOptions.mime = sheet.type;\n    if (modifyVars) {\n      instanceOptions.modifyVars = modifyVars;\n    }\n    function loadInitialFileCallback(loadedFile) {\n      const data = loadedFile.contents;\n      const path = loadedFile.filename;\n      const webInfo =\n        loadedFile.webInfo;\n      const newFileInfo = {\n        currentDirectory: fileManager.getPath(path),\n        filename: path,\n        rootFilename: path,\n        rewriteUrls: instanceOptions.rewriteUrls\n      };\n      newFileInfo.entryPath = newFileInfo.currentDirectory;\n      newFileInfo.rootpath =\n        instanceOptions.rootpath || newFileInfo.currentDirectory;\n      if (webInfo) {\n        webInfo.remaining =\n          remaining;\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      // TODO add tests around how this behaves when reloading\n      errors.remove(path);\n      instanceOptions.rootFileInfo = newFileInfo;\n      less.render(data,\n        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      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    function loadStyleSheets(callback, reload, modifyVars) {\n      for (let i = 0;\n        i < less.sheets.length; i++) {\n        loadStyleSheet(less.sheets[i], callback, reload, less.sheets.length - (i + 1),\n          modifyVars);\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        }, options.poll);\n      }\n    }\n    // Watch mode\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 () {\n      clearInterval(less.watchTimer);\n      this.watchMode = false;\n      return false;\n    };\n    // Synchronously get all <link> tags with the 'rel' attribute set to\n    // \"stylesheet/less\".\n    // less.registerStylesheetsImmediately = () => {\n      const links =\n        document.getElementsByTagName('link');\n      less.sheets = [];\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    // Asynchronously get all <link> tags with\n    // the 'rel' attribute set to\n    // \"stylesheet/less\", returning a Promise.\n    // less.registerStylesheets = () => new\n    Promise((resolve, reject) => {\n      less.registerStylesheetsImmediately();\n      resolve();\n    });\n    // With this function, it's possible to alter variables and re-render\n    // CSS without reloading less-files\n    // less.modifyVars = record => less.refresh(true, record, false);\n    less.refresh = (reload, modifyVars,\n      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\n          Date();\n        // Set counter for remaining unprocessed sheets\n        remainingSheets = less.sheets.length;\n

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    if (remainingSheets ===
0) {\n\n        endTime = new Date();\n        totalMilliseconds = endTime - startTime;\nless.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        // 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\n        for (let i = 0; i <
options.loggers.length; i++) {\n            less.logger.addListener(options.loggers[i]);\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\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
                }\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        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            modifyVars = modifyVars || {};\n            vars = vars || "{}"; // if not set,
treat as the JSON representation of an empty object\n            if (timestamp && webInfo.lastModified &&
(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)

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{\n      imageSize(this, filePathNode);\n      return -1;\n    },\n    'image-height': function(filePathNode)
{\n      imageSize(this, filePathNode);\n      return -1;\n    };\n\nfunctionRegistry.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","assign"
,"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
array","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", 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1.91 safestring 4.1.25

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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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/*

SafeString constructors and assignments
Examples of how to create SafeStrings and how to assign SafeStrings from other data types
also see the SafeStringFromArray, SafeStringFromCharPtr and SafeStringFromCharPtrWithSize examples

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Example of using SafeString for working with char[][xx]

by Matthew Ford
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/*

SafeString startsWith(), startsWithIgnoreCase(), endsWithCharFrom() and endsWith()

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/*

sfStream.ino

SafeStringStream Unit test

Example of using SafeStringStream

by Matthew Ford

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/*

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()
Examples of SafeString replace for chars and strings

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SafeStringReader_Assign.ino

This example = to SafeStringReader

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SafeString substring()
Examples of SafeString substring

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SafeSting length(), trim()

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SafeString.h static memory SafeString library modified by
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WString.h - String library for Wiring & Arduino
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/*

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, SafeStringFromArray and SafeStringFromCharPtr
examples

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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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/*

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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SafeString charAt() and setCharAt()

Examples of how to get and set characters of a SafeString

by Matthew Ford

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Comparing SafeStrings

Examples of how to compare SafeStrings using the comparison operators

by Matthew Ford

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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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/*

OBD_Processor.ino for SafeString V4.0.0+

Example of using SafeString to process Car OnBoardData

by Matthew Ford

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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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/*

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extensively modified from

WString.cpp - SafeString library for Wiring & Arduino
...mostly rewritten by Paul Stoffregen...
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/* SafeStringInClasses_1.ino

Example of using SafeString for Class char[]s

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Found in path(s):

* /opt/cola/permits/1550499841_1675274436.6722012/0/powerbroker2-safestring-4-1-25-0-gfac1370-tar-gz/PowerBroker2-SafeString-fac1370/examples/SafeStringsInClasses_1/SafeStringsInClasses_1.ino
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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, SafeStringFromArray 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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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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/*

Fixed 9 Formatting of double/float/long/ing

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Test Errors for Assignment to SafeStrings using the = operator

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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

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fac1370/examples/SafeString_Tests/SafeStringFromArray/SafeStringFromArray.ino

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/*

SafeStringReader_GPS.ino

This example reads GPS data from a SafeStringStream continuously using a 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

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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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1.92 libsepol 3.4-2

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Any executables

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1.93 gpt-fdisk 1.0.5

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1.94 nettle 3.6

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