NAME

sconsign − print SCons .sconsign file information

SYNOPSIS

sconsign [*options...*] *file* [...]

DESCRIPTION

The **sconsign** command displays the contents of one or more **.sconsign** files specified by the user.

By default, **sconsign** dumps the entire contents of the specified file(s). Each entry is printed in the following format:

```
file: timestamp bsig csig
        implicit_dependency_1
        implicit_dependency_2
```

If the entry has no timestamp, bsig, or csig, a dash **None** is printed. If the entry has no implicit dependencies, the lines are simply omitted.

By default, **sconsign** assumes that any *file* arguments that end with a **.dbm** suffix contains signature entries for more than one directory (that is, was specified by the **SConsignFile ()** function). Any *file* argument that does not end in **.dbm** is assumed to be a traditional **.sconsign** file containing the signature entries for a single directory. An explicit format may be specified using the **-f** or **--file=** options.

OPTIONS

Various options control what information is printed and the format:

-b, --bsig

Prints the build signature (bsig) information for all entries or the specified entries.

-c, --csig

Prints the content signature (csig) information for all entries or the specified entries.

-d DIRECTORY, --dir=DIRECTORY

When the signatures are being read from a **.dbm** file, or the **-f dbm** or **--format=dbm** options are used, prints information about only the signatures for entries in the specified *DIRECTORY*.

-e ENTRY, --entry=ENTRY

Prints information about only the specified *ENTRY*. Multiple -e options may be used, in which case information about each *ENTRY* is printed in the order in which the options are specified on the command line.

-f FORMAT, --format=FORMAT

The file(s) to be printed are in the specified *FORMAT*. Legal values are **dbm** (the DBM format used when the **SConsignFile**() function is used) or **sconsign** (the default format used for an individual **.sconsign** file in each directory).

-h, --help

Prints a help message and exits.

-i, --implicit
: Prints the list of cached implicit dependencies for all entries or the the specified entries.

-r, --readable
: Prints timestamps in a human-readable string, enclosed in single quotes.

-t, --timestamp
: Prints the timestamp information for all entries or the specified entries.

-v, --verbose
: Prints labels identifying each field being printed.

ENVIRONMENT

SCONS_LIB_DIR
: Specifies the directory that contains the SCons Python module directory (e.g. /home/aroach/scons-src-0.01/src/engine). on the command line.

SEE ALSO

scons, **scons** User Manual, **scons** Design Document, **scons** source code.

AUTHORS

Steven Knight <knight at baldmt dot com>