

# SPLINT REPORT

## SERVER:

```
LENOVO@DESKTOP-OEVB9KP ~/InstantChatters/CUT/Code/src
$ splint smain.c
Splint 3.1.2 --- 11 Sep 2013

../header/shader.h:1: Include file <sys/socket.h> matches the name of a POSIX
  library, but the POSIX library is not being used. Consider using +posixlib
  or +posixstrictlib to select the POSIX library, or -warnposix to suppress
  this message.
Header name matches a POSIX header, but the POSIX library is not selected.
(Use -warnposixheaders to inhibit warning)
../header/shader.h:1: Include file <netinet/in.h> matches the name of a POSIX
  library, but the POSIX library is not being used. Consider using +posixlib
  or +posixstrictlib to select the POSIX library, or -warnposix to suppress
  this message.
../header/shader.h:5: Include file <unistd.h> matches the name of a POSIX
  library, but the POSIX library is not being used. Consider using +posixlib
  or +posixstrictlib to select the POSIX library, or -warnposix to suppress
  this message.
```

## CLIENT:

```
$ splint cmain.c
Splint 3.1.2 --- 11 Sep 2013

../header/cheader.h:4: Include file <unistd.h> matches the name of a POSIX
  library, but the POSIX library is not being used. Consider using +posixlib
  or +posixstrictlib to select the POSIX library, or -warnposix to suppress
  this message.
Header name matches a POSIX header, but the POSIX library is not selected.
(Use -warnposixheaders to inhibit warning)
../header/cheader.h:6: Include file <sys/socket.h> matches the name of a POSIX
  library, but the POSIX library is not being used. Consider using +posixlib
  or +posixstrictlib to select the POSIX library, or -warnposix to suppress
  this message.
../header/cheader.h:7: Include file <netinet/in.h> matches the name of a POSIX
  library, but the POSIX library is not being used. Consider using +posixlib
  or +posixstrictlib to select the POSIX library, or -warnposix to suppress
  this message.
```

## SEARCH CHAT HISTORY:

```
cg83-user34@instance-1:~/InstantChatters/CUT/Code/src$ ls
cl cmain.c sl se search_main.c smain.c vg_logfile.out
cg83-user34@instance-1:~/InstantChatters/CUT/Code/src$ splint search_main.c -nullpass -retvalother
Splint 3.1.2 --- 21 Feb 2021

search_main.c: (in function main)
search_main.c:21:8: Test expression for while not boolean, type int: 1
    Test expression type is not boolean or int. (Use -predboolint to inhibit
    warning)
```