

Splint:

For client.c

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Splint 3.1.2 --- 21 Feb 2021

Command Line: Unrecognized option: -comdef
  A flag is not recognized or used in an incorrect way (Use -badflag to inhibit
  warning)
< Location unknown >: Previous use of
client.c: (in function main)
client.c:82:9: Passed storage filename not completely defined (*filename is
               undefined): strcat (filename, ...)
  Storage derivable from a parameter, return value or global is not defined.
  Use /*@out@*/ to denote passed or returned storage which need not be defined.
  (Use -compdef to inhibit warning)

Finished checking --- 1 code warning
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For server.c

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< Location unknown >: Previous use of
server.c: (in function write_file)
server.c:23:7: Argument to exit has implementation defined behavior: 1
  The argument to exit should be 0, EXIT_SUCCESS or EXIT_FAILURE (Use -exitarg
  to inhibit warning)
server.c:25:10: Test expression for while not boolean, type int: 1
  Test expression type is not boolean or int. (Use -predboolint to inhibit
  warning)
server.c:29:7: Unreachable code: return
  This code will never be reached on any possible execution. (Use -unreachable
  to inhibit warning)
server.c:31:23: Value *buffer used before definition
  An rvalue is used that may not be initialized to a value on some execution
  path. (Use -usedef to inhibit warning)
server.c: (in function spl)
server.c:52:10: Parameter 1 (a) to function strcat is declared unique but may
               be aliased externally by parameter 2 (b)
  A unique or only parameter may be aliased by some other parameter or visible
  global. (Use -mayaliasunique to inhibit warning)
server.c: (in function main)
server.c:86:10: Argument to exit has implementation defined behavior: 1
server.c:97:10: Argument to exit has implementation defined behavior: 1
server.c:105:10: Argument to exit has implementation defined behavior: 1
server.c:125:12: Parse Error. (For help on parse errors, see splint -help
                  parseerrors.)
```