

```
[blablall:smalltest scott$ ECHO TEST ERROR HANDLING
TEST ERROR HANDLING
[blablall:smalltest scott$ ./TEST
Usage: ./TEST filename starting_path
[blablall:smalltest scott$ ./TEST M
Invaidd argument:M
Usage: ./TEST filename starting_path
[blablall:smalltest scott$ ./TEST N 0 T
Invaidd argument:N
Invaidd argument:0
Invaidd argument:T
Usage: ./TEST filename starting_path
[blablall:smalltest scott$ ./TEST SYMLINK ../..
CRITICAL ERROR-->Unable to read symlink(librebound.so)under path:../../2017 Spring/Temp f
or PH235/Celestial-Mechanics-Application/Primitive three body problem/Influence on test s
paceship/restricted_threebody
Error messege:No such file or directory
Segmentation fault: 11
[blablall:smalltest scott$ SUDO CHMOD 000 FILENAME
[blablall:smalltest scott$ ./TEST FILENAME ..
Warning-->Uable to read target file(FILENAME):No read permmission on target file on User g
roup[root please ignore]
../smalltest/filename not compared due to error../smalltest/filename copy not compared du
e to errorCritical Error in opening target in read mode:FILENAME:Permission denied
[blablall:smalltest scott$ SUDO CHMOD 000 HARDLINK
[blablall:smalltest scott$ ./TEST FILENAME HARDLINK
Warning-->Uable to read target file(FILENAME):No read permmission on target file on User g
roup[root please ignore]
the directory could not be opened or reading or the malloc call failed for path: HARDLI
NK: Permission denied
[blablall:smalltest scott$ ./TEST DUMMY HARDLINK
the directory could not be opened or reading or the malloc call failed for path: HARDLI
NK: Permission denied
blablall:smalltest scott$ █
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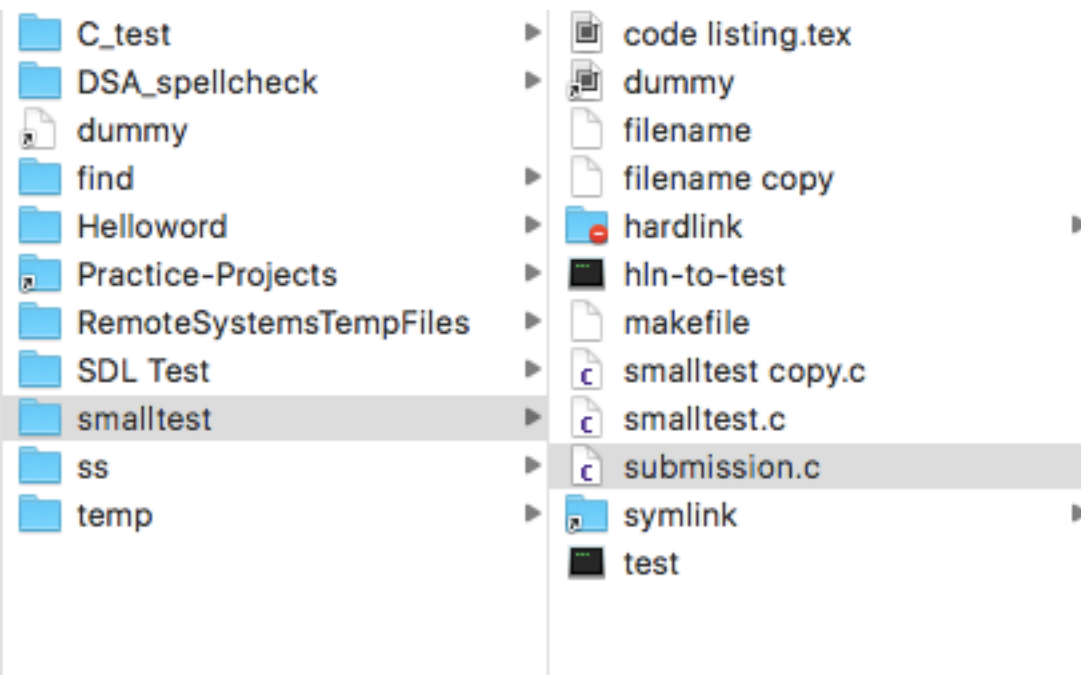
[blablall:smalltest scott$ chmod 666 filename
[blablall:smalltest scott$ chmod 000 filename\ copy
[blablall:smalltest scott$ ./test filename ..
  the directory could not be opened  or reading or the malloc call failed for path: ../SDL
  Test/src/SDLaf: Permission denied
Matching file path:../smalltest/filename
HARD LINK TO TARGET
OK READ BY OTHERS

  the directory could not be opened  or reading or the malloc call failed for path: ../sma
  lltest/hardlink: Permission denied
../smalltest/filename copy not compared due to errorMatching file path:../smalltest/small
  test copy.c
Duplicate: file link count: 1
OK READ BY OTHERS

Matching file path:../smalltest/smalltest.c
Duplicate: file link count: 1
OK READ BY OTHERS

[
[ the directory could not be opened  or reading or the malloc call failed for path: ../ss:]
  Permission denied
blablall:smalltest scott$ ./test abc ..
CRITICAL ERROR-->Uable to read stat of target file(abc):No such file or directory
blablall:smalltest scott$ ./test test fastf
CRITICAL ERROR-->Uable to read search directory(fastf):No such file or directory
blablall:smalltest scott$ █

```



File system listing