

Additional Files: Practical.h, AddressUtilityInfo.c, DieWithMessage.c

Client Compilation: gcc -std=gnu99 UDPEchoClient.c AddressUtility.c DieWithMessage.c Practical.h

Server Compilation: gcc -std=gnu99 UDPEchoServer.c AddressUtility.c DieWithMessage.c Practical.h

Client Command line: <Server Name> <Message> <Port>

Server Command Line: <Port>

What I had to pass for Client: 192.168.1.127 "Hello" 5555

What I had to pass for Server: 5555

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UDPClient — -bash — 91x25
Gavins-MacBook-Pro:UDPClient gavintaylormcroy$ cd ..
Gavins-MacBook-Pro:Desktop gavintaylormcroy$ pwd
/Users/gavintaylormcroy/Desktop
Gavins-MacBook-Pro:Desktop gavintaylormcroy$ ./TCPEchoClient
Parameter(s): <Server Address/Name> <Echo Word> [<Server Port/Service>]
Gavins-MacBook-Pro:Desktop gavintaylormcroy$ cd Client
-bash: cd: Client: No such file or directory
Gavins-MacBook-Pro:Desktop gavintaylormcroy$ cd UDPClient/
Gavins-MacBook-Pro:UDPClient gavintaylormcroy$ make
gcc bin/AddressUtility.o bin/DieWithMessage.o bin/UDPEchoClient.o -o out
All Done
Gavins-MacBook-Pro:UDPClient gavintaylormcroy$ make run
gcc bin/AddressUtility.o bin/DieWithMessage.o bin/UDPEchoClient.o -o out
./out
Parameter(s): <Server Address/Name> <Echo Word> [<Server Port/Service>]
make: *** [run] Error 1
Gavins-MacBook-Pro:UDPClient gavintaylormcroy$ 192.168.1.127 Hello! 1111
-bash: 192.168.1.127: command not found
Gavins-MacBook-Pro:UDPClient gavintaylormcroy$ ./out 192.168.1.127 "Hello" 5555
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UDP-Server — -bash — 80x24
[Gavins-MacBook-Pro:UDP-Server gavintaylormcroy$ ./out
Parameter(s): <Server Port/Service>
[Gavins-MacBook-Pro:UDP-Server gavintaylormcroy$ ./out 5555
Handling client ::ffff:192.168.1.127-51739
sendto() failed): Invalid argument
[Gavins-MacBook-Pro:UDP-Server gavintaylormcroy$ ./out 5555
Handling client ::ffff:192.168.1.127-64126
sendto() failed): Invalid argument
[Gavins-MacBook-Pro:UDP-Server gavintaylormcroy$ ./out 5555
Handling client ::ffff:192.168.1.127-64801
```