

Jesi Merrick A20264903

Ron Pyka A20250364

Dylan Boliske A20252450

Output

The output [menu] represents:

Please enter a command (or "exit" to leave):

Enter "regf" to register all files in current directory with the server

Enter "addf file.txt" to add a file to the server

Enter "remf file.txt" to remove a file from the server

Enter "getf file.txt" to retrieve a list of clients with the file

Enter "retf hostname file.txt" to retrieve a file

Enter command:

Example Output:

The output for each client below matches the sequence of test actions describe in the manual.

Client 1:

[menu]

regf

test1.txt has been added

test2.txt has been added

test3.txt has been added

[menu]

remf test1.txt

test1.txt has been removed

[menu]

add test1.txt

test1.txt has been added

[menu]

exit

Client 2:

[menu]

regf

test1.txt has been added

test2.txt has been added

test3.txt has been added

[menu]

getf test1.txt

test1.txt and its clients:

[IPAddress1]

[IPAddress2]
[menu]
exit

Client 3:

[menu]
regf
test1.txt has been added
test2.txt has been added
test3.txt has been added
[menu]
getf test1.txt
test1.txt and its clients:
[IPAddress1]
[IPAddress2]
[IPAddress3]
[menu]
getf test2.txt
test2.txt and its clients:
[IPAddress1]
[IPAddress2]
[IPAddress3]
[menu]
retf [IPAddress3] test2.txt
Download of test2.txt is complete.
[menu]
exit

Server:

new connection from [IP Address 1] on socket [1]
new connection from [IP Address 2] on socket [2]
new connection from [IP Address 3] on socket [3]
file test1.txt from host [IP Address 1] added.
file test2.txt from host [IP Address 1] added.
file test3.txt from host [IP Address 1] added.
file test1.txt from host [IP Address 2] added.
file test2.txt from host [IP Address 2] added.
file test3.txt from host [IP Address 2] added.
file test1.txt from host [IP Address 3] added.
file test2.txt from host [IP Address 3] added.
file test3.txt from host [IP Address 3] added.
file test1.txt from host [IP Address 1] removed.
file test1.txt from host [IP Address 1] added.

socket [1] hung up

socket [2] hung up

socket [3] hung up