

Systems Programming Coursework 2

User Documentation

Run Instructions

1. Open two terminal windows
2. Have one navigate to the server directory and the other to the client directory
3. Run make command in both windows
4. Run server using `./server`
5. Run client using `./client`
6. User menu will be displayed at client terminal window
7. Run selected options from menu by entering corresponding numbers at client prompt and pressing enter
8. Once finished, use option 5 to exit client
9. CTRL + C to close server

Implementations

All four of the standard functions have been implemented in my coursework, including the signal handler, however I was unable to create a working version of the file sending function. Output from get IP works fine but it crashes the server with a segmentation fault when the client thread exits. File name listing in server upload directory works fine but I couldn't work stat to have it show regular files only. Other than this, the rest of the program works accordingly.