

Socket Programming Phase 2

B08705051 陳旻浚

Environment

Ubuntu 20.04 LTS

How to Use

Use `make` to compile server and client
then run `./server.out ${Port}` to start server
and `./client.out ${Server IP} ${Server Port}` to run the client.

Commands (for client)

- `register` : Register a username.
- `login` : Login with a username and a port to listen to.
- `list` : Request the latest online list from the server.
- `transaction` : Transfer money to a peer.
- `exit` : End the client program.

ToDo

- [x] Listen to assigned port
- [x] Create a thread pool
- [x] Assign each user to a thread
 - Inside the thread :
 - [x] Register
 - [x] Login
 - [x] Transaction
 - [x] List
 - [x] Exit
- [x] Set max connection to 3 and test it