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Python Network Programming

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Chat Server/Client Extra Functionality

- The File transfer functionality (Commands: /file_list, /file, and /file_download) Takes a file reads the data and then sends that data to the server where the server makes a file and writes the received data to it. You can also get a list of all files currently saved on the server. Then that file is available for all people who access the server to download it, by the same process but from server to client this time. This only works with .txt files
- The /users command is a message that when entered instructs the server to return all current online users
- The /save function saves a users current user name to the server so that when they log on from the same ip address they don't have to re enter their user name. This is stored on the server in the form of a dictionary that uses the ip address as the key and the user name as the value.
- The /feed command returns the full history of messages to the user displaying it all
- The /help command gives a list of all commands a user may use
- The users ip address is automatically checked upon running the client to see if there is a stored user name
- Git Hub: https://github.com/Lyleof/Final_Project_Networking