

README

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How to test the program

1. gcc ZhuoChen.c -o zc

2. Run zc

3. To Test MYIP, type MYIP

4. To Test MYPORT, type MYPORT

5. To Test CONNECT, run two application in two difference servers, lets say one on timberlake, one of nickelback.

Type the following command on the one on timberlake

CONNECT 128.205.35.24 5001

128.205.35.24 is the IP for nickelback , 5001 is the default port number

6. To Test List, Type LIST after connecting to a peer

7. To test UPLOAD, first connect to a peer, let say the application is running on timberlake want to upload to the first connected peer

use LIST to get the connection number of nickelback (connection number, not socket number) then type UPLOAD 0 1.txt

8. To Test DOWNLOAD, connect to peers first, let say you are running on timberlake, and want to download from the first connection peer , the file to download is 1.txt use LIST to get the connection number

DOWNLOAD 0 1.txt

The COMMAND also support DOWNLOAD 0 1.txt 1 2.txt

OR DOWNLOAD 0 1.txt 1 2.txt 2 3.txt

9. To test TERMINATE, just TERMINATE CONNECTION NUMBER, let say you want to terminate 0 , just type TERMINATE 0

10, Type HELP, CREATOR to test other commands

If there is any question, please let me know at zhouchen@buffalo.edu The functions should be working