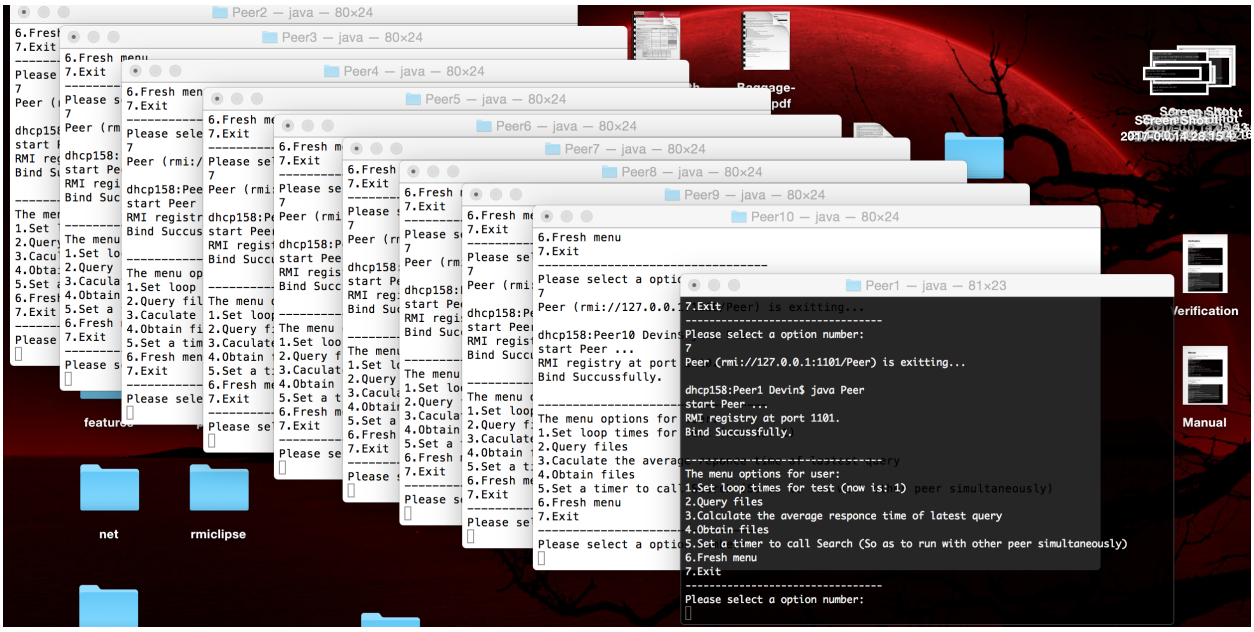
Manual

1) Open a terminal and Run all 10 Peers



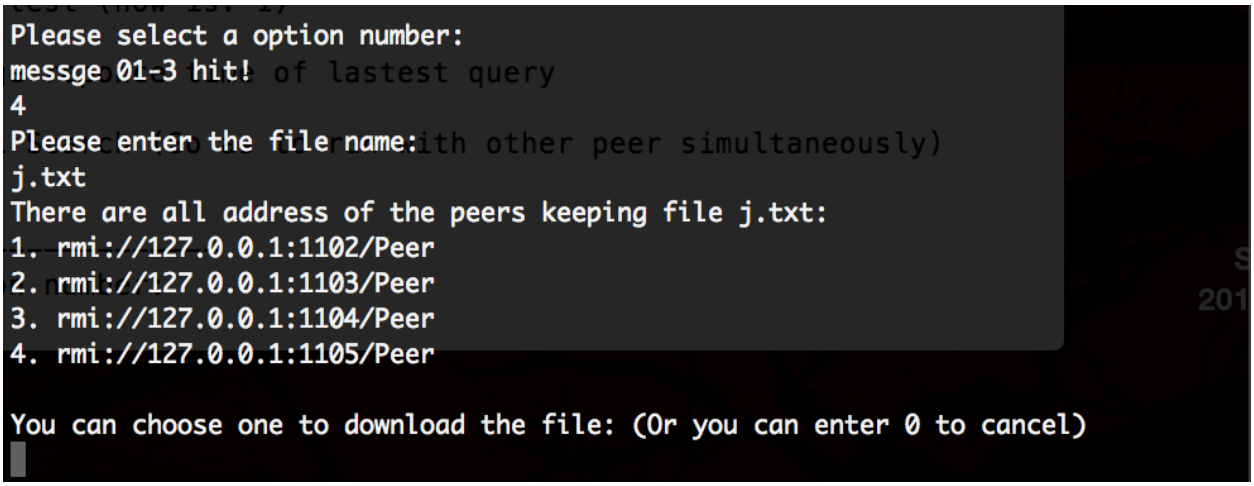
Open 10 terminal windows, compile the java file first with “javac *.java”, then run all the peers by “java peer”.

2) Query

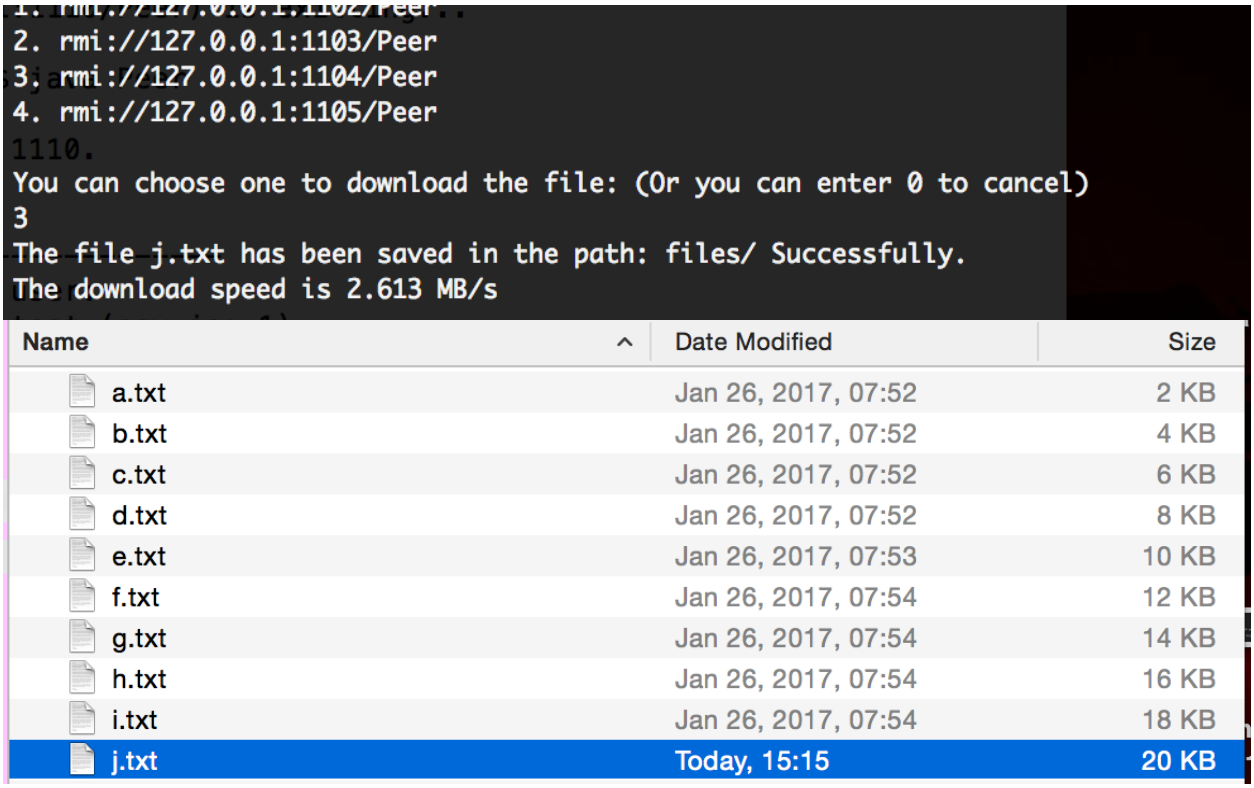
Use the option 2 in menu to query files. Then enter the file name.

3) Obtain the file which queried

Use option 4 in the menu, and enter the file name which queried in option 2. The list indicate there are several peers have the sources.



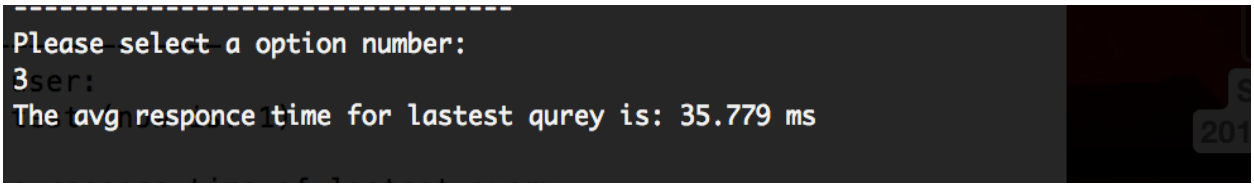
Then we can choose a peer to download the file, for example choose 3.



Download success.

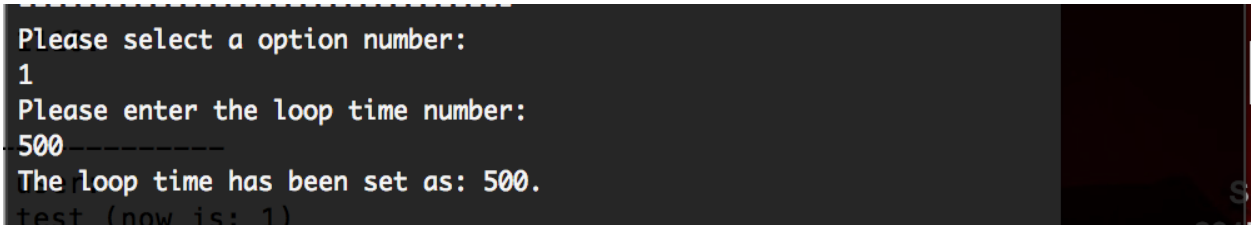
4) Calculate the avg. response time

We can use option 3 in the menu to measure the avg. response time.



5) Set Loop time

We also can set a loop to make it loop any times. The option 1 in the menu is to set a loop, then enter the loop number you want to set.

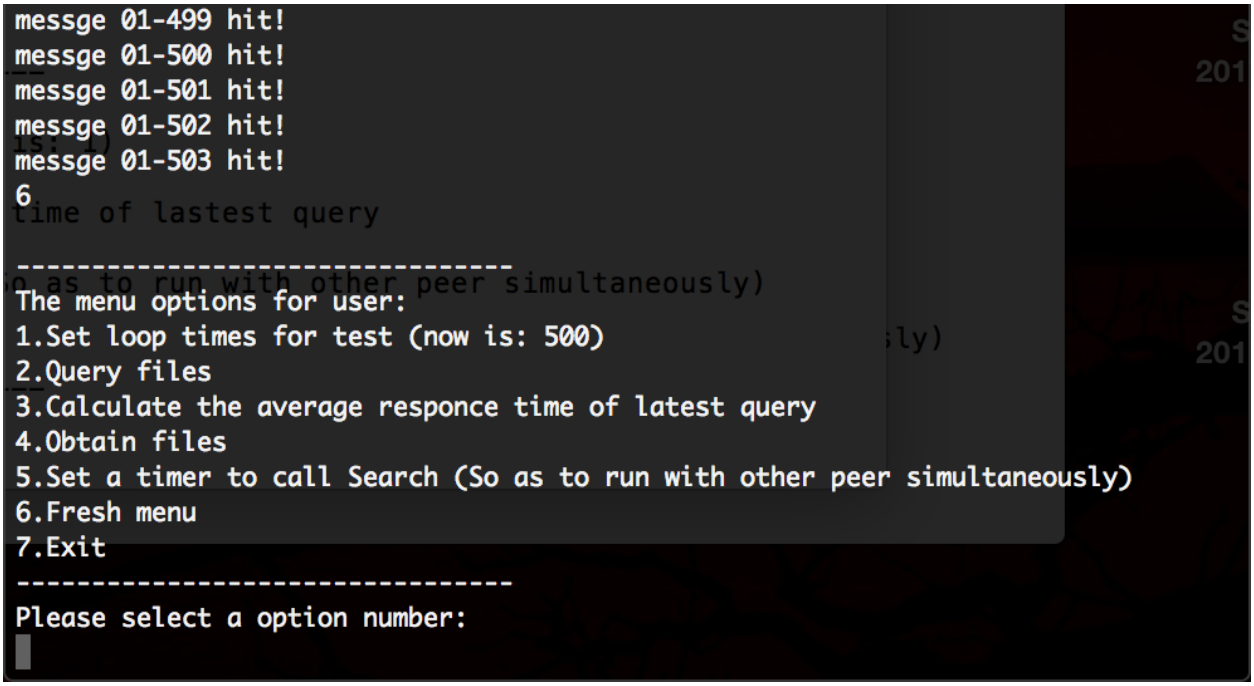


6) Set a timer

We can set a timer to make the query happen in a certain time. The option 5 is to set a timer, the time we enter should be like the form of hour min sec(like14 14 00). Then enter the file name which we want to query. When the time comes, the query will automatically execute.

7) Fresh menu

We develop a function of fresh menu(option 6) which is in order to make the terminal more clean. It will recall the menu.



8) Exit Peer

Option 7 is to exit the peer.