Project

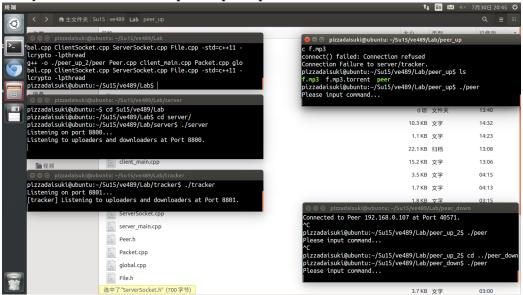
Li Jinmeng, 5123709233 Fan Yiming, 5123709170 Jiang Yifeng, 5123709081

July 30, 2015

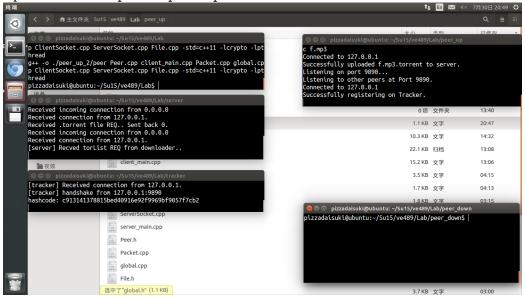
In this project, we construct a tracker, server, and three peers. When doing the downloading part, we use an algorithm which can always find the most precious fragment and download it. The result of each case will be showed in this report

1 Case 1

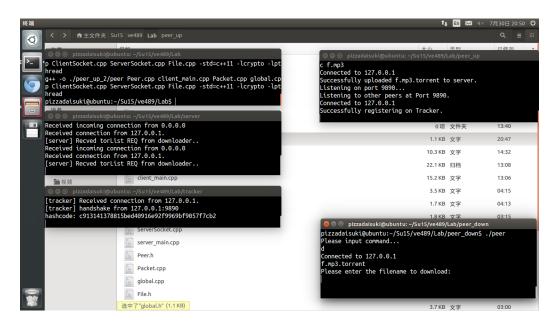
(i) Set up the tracker, server, peer_up and peer_down.



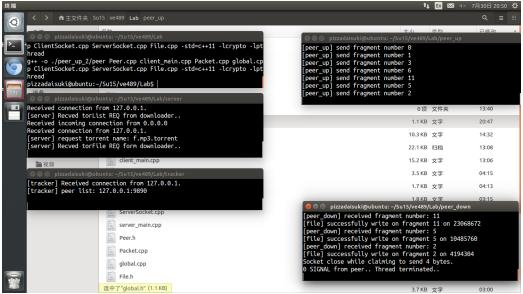
(ii) Upload the file f.mp3 from peer_up.



(iii) peer_down prepare to download and get the torrent file.

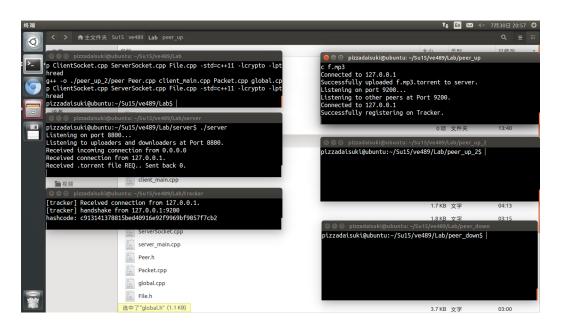


(iv) peer_down successfully downloaded the file f.mp3.

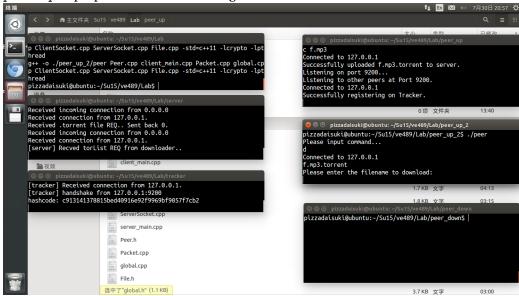


2 Case 2

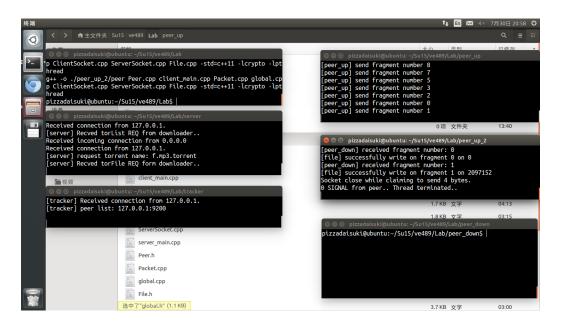
(i) After setting up the tracker, server, peer_up, peer_up_2 and peer_down, we upload the file f .mp3 from peer_up.



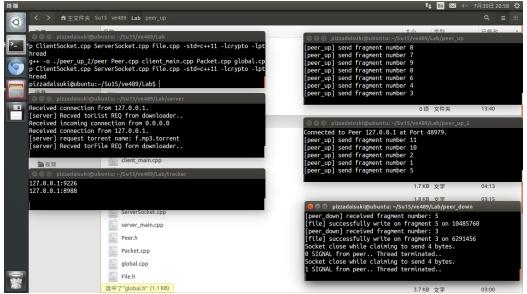
(ii) peer_up_2 prepare to download and get the torrent file.



(iii) peer_up_2 successfully downloaded the file f.mp3.

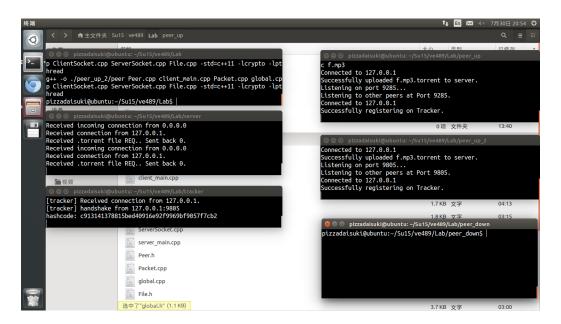


(iv) $peer_down successfully downloaded the file f.mp3 from both <math>peer_up_2$.

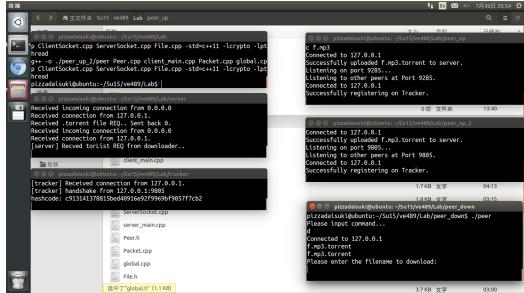


3 Case 3

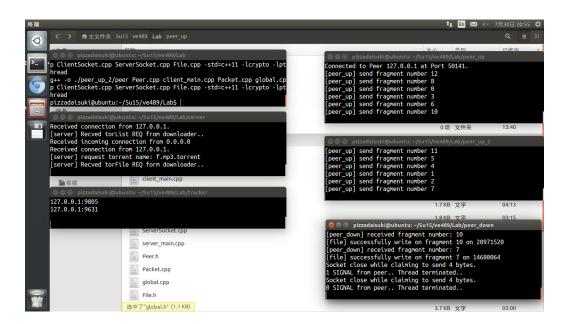
(i) After setting up the tracker, server, peer_up, peer_up_2 and peer_down, we upload the file f .mp3 from both peer_up and peer_up_2.



(ii) peer_down prepare to download and get the two torrent file.

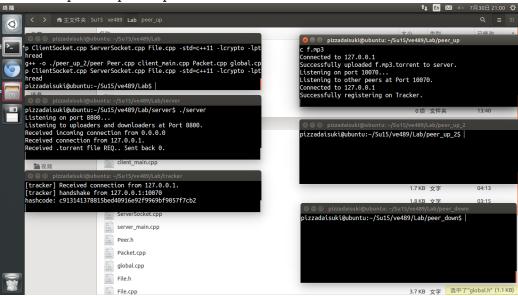


(iii) peer_down successfully downloaded the file f.mp3 from both peer_up and peer_up_2.

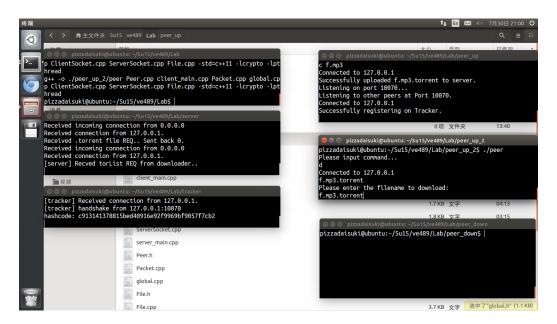


4 Case 4

(i) After setting up the tracker, server, peer_up, peer_up_2 and peer_down, we upload the file f.mp3 from peer_up.



(ii) peer_up_2 get the torrent file and start to download.



(iii) Both peer_down and peer_up_2 successfully downloaded the file f .mp3 from peer_up at almost the same time, while peer_down start later than peer_up_2.

