**Message Format:**

**Peer to RS:**

Register

Host: [host address]

Cookie: [cookie number]

RFCServerPortNumber: [local port number]

Response:

200 OK

Cookie: [CookieNumber]

PQuery

Host: [host address]

Cookie: [cookie number]

Response:

200 OK

[PeerList]

Or

400 No Active Peers

KeepAlive

Host: [host address]

Cookie: [cookie number]

Response:

200 OK

Leaving

Host: [host address]

Cookie: [cookie number]

Response:

200 OK

**Peer to Peer:**

GET RFC-Index

HOST: [host address]

Response:

200 OK

[The Peer's RFC Index]

GET RFC [rfcNumber]

HOST: [host address]

Response:

200 OK

[RFC text file]

Task 1: Centralized File Distribution

Our Download curve

Task 2: P2P File Distribution

Not completed yet

Discussion:

While we were not able to complete the peer to peer experiment we can hypothesize about what would have happened and the scalability of each of the two distributions. P2P architecture is scalable because the more peers that join the more resources there are in the network so it is able to stay evenly distributed but for a centralized architecture there will need to be more and more servers as more and more clients join the network or else it just won’t work.