

Molly Wirtz
CS 3516 – Computer Networks
Professor Yanhua Li
10 September 2019

Computing RTT Values in HTTP Client

Table of time to connect to www.mit.edu using HTTP Client:

Trial #	Time (milliseconds)
1	21.883
2	26.630
3	27.421
4	20.612
5	49.487
6	36.418
7	30.902
8	27.131
9	20.985
10	38.571

The average RTT for all 10 trials of connecting to www.mit.edu was 30.0041 milliseconds.

Table of time to connect to localhost server ** using HTTP Client and HTTP Server:

Trial #	Time (milliseconds)
1	0.155000
2	0.155000
3	0.325000
4	0.296000
5	0.288000

6	0.291000
7	0.212000
8	0.178000
9	0.173000
10	0.229000

The average RTT for all 10 trials of connecting to localhost was 0.2302 milliseconds.

** Unfortunately, as I was unable to successfully run my program on the WPI servers, I was unable to compute the RTT. As a replacement, I calculated the RTT of receiving a file from my server running locally.