

Download 3 websites in different part of the world that have at least 25 objects and download using the downloader program created in Step 2 to Step 4 and compare the performance in terms of time to download the website. For each website repeat the experiment 10 times and provide the average time to download in a table.

Websites Accessed:

1. www.coap.iitm.ac.in
2. www.enuops.org
3. www.washington.edu

Step-4

Parallel 6 Sockets are used to download the object . This takes less time than the Step-3 where we use 1 socket with persistent connection to download object.

Website	www.coap.iitm.ac.in			www.enuops.org			www.washington.edu		
No. of Objects	24			10			16		
Object download time using STEP-2,3,4 (Average)	Step-2	Step-3	Step-4	Step-2	Step-3	Step-4	Step-2	Step-3	Step-4
	137 sec	87 sec	NA	67 sec	35 sec	NA	87 sec	61 sec	NA
	128 sec	75 sec	NA	73 sec	33 sec	NA	87 sec	57 sec	NA

Conclusion: Average time spent to get the data is depends on the Connection Speed also.

In non-persistent connection socket created every time and then the object get fetched so the time taken by non-persistent connection is more than the persistent connection.

If you use parallel sockets with persistent connection to download the data . it takes much less time than the single socket persistent connection.