

Size (Kb)	Time (s)
1	0.208559189
10	0.23708634
100	0.288745839
1000	0.519960394
10000	4.15002643
100000	23.05059213

It is clear that the time to execute the file transfer increases with file size. Our code transfers chunks of the file one after another in quantities defined by the -m buffer parameter. This is the portion of code that causes the execution time to increase with file size

