

CP372 Assignment 2

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Datagram format

In the Application source port and destination port will be provided by user. The file is divided into several datagrams to transfer. Each datagram contains 125 bytes of data. The first byte is the sequence number, and the rest is the data of file.

Total time of transfer

Small file (1342 byte)

timeout: 10

reliable: 27

unreliable: 36

timeout: 100

reliable: 25

unreliable: 131

timeout: 1000

reliable:24

unreliable:1025

Large file (1.01MB)

timeout: 10

reliable: 774

unreliable: 11652

timeout: 100

reliable: 864

unreliable: 98366

timeout: 1000

reliable: 835

unreliable: 961621