

TCP

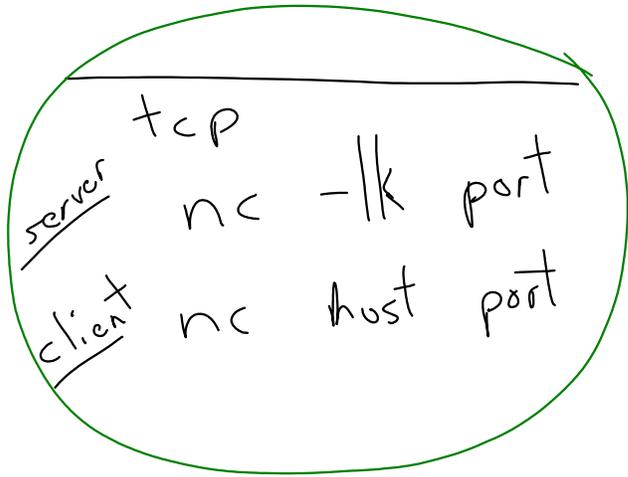
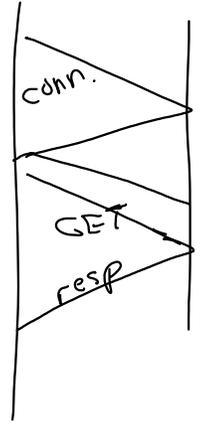
- reliable
 - no errors
 - in order
 - no missing data
- connection oriented
- flow control (receiver)
- congestion control (network)

UDP

- not reliable
- connectionless

neither

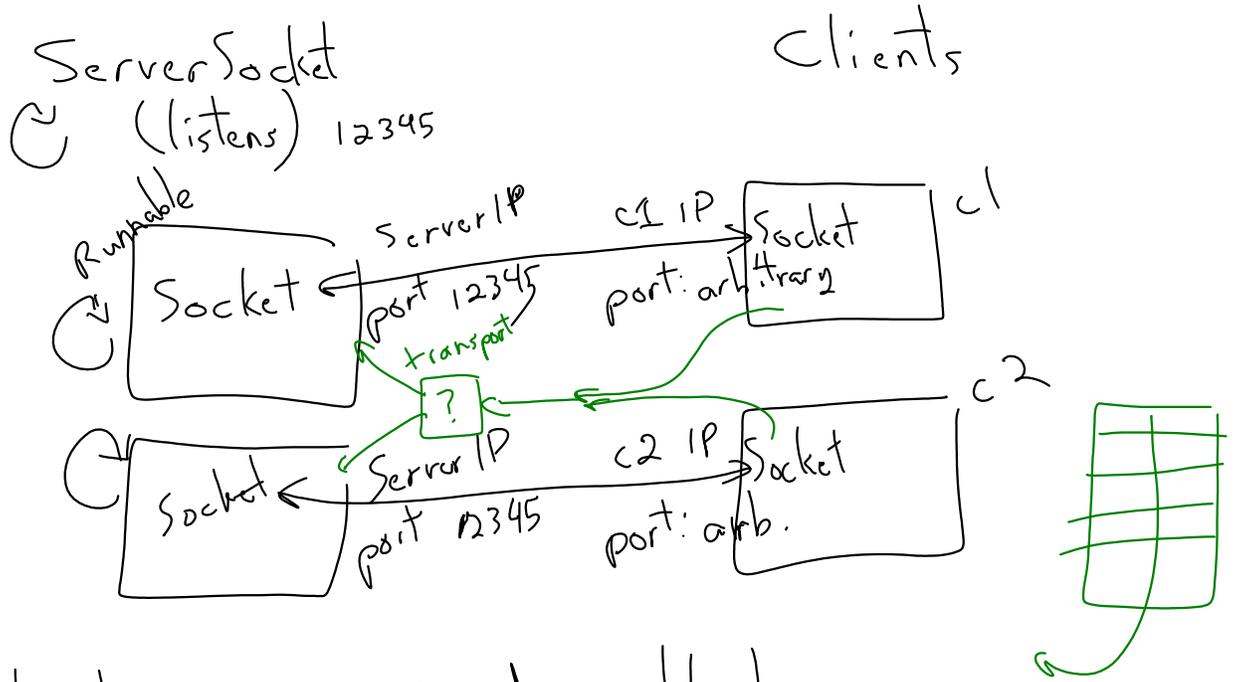
- timing
- bandwidth



udp
nc -lk port
nc =lk host port

listen
keep alive
udp

M.T. Server



Multiplexing many-to-one and demultiplexing (one of) one-to-many

UDP:

dest. port

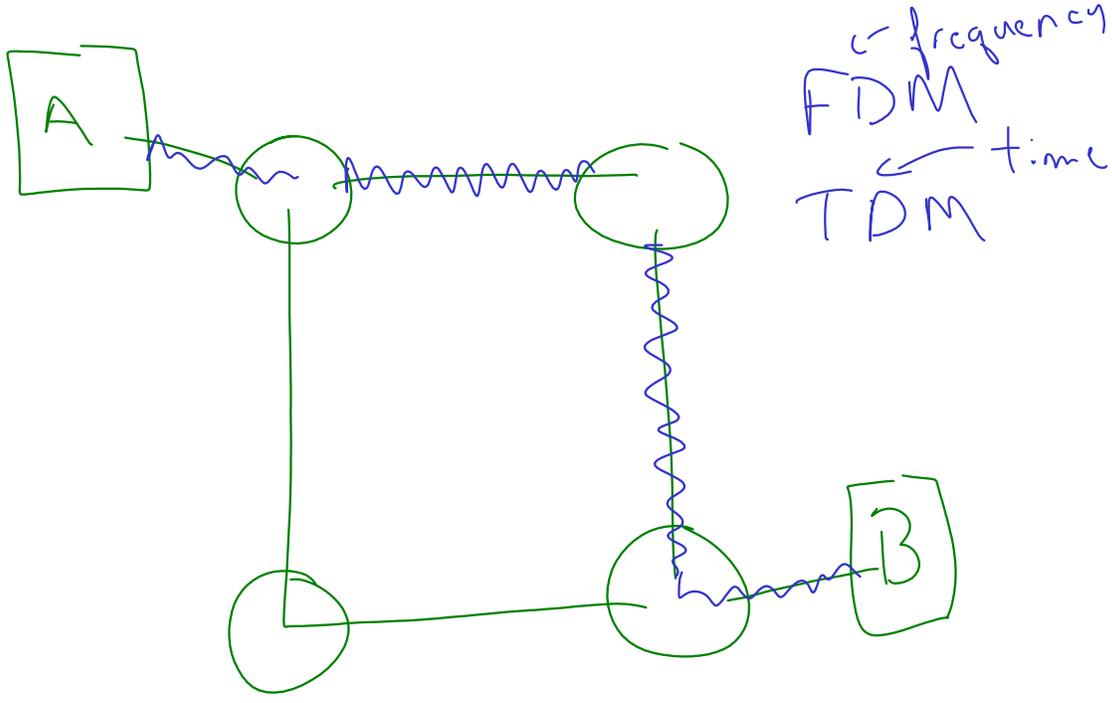
TCP

dest port

dest IP

src port

src IP



QUIC

- combines → TCP services
 ↪ security

app	http3
	quic
transp	udp

http<3
TLS
tcp