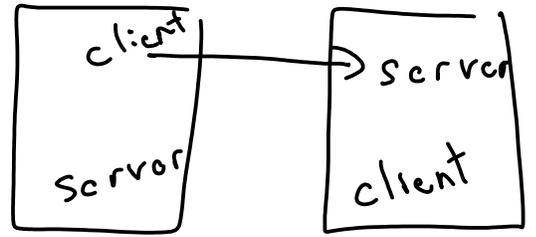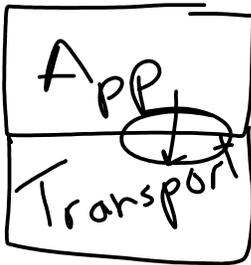# Client/Server

start ↑   listen ↑

peer to peer

client → server

server   client

hybrid

peer -- ? -- server

peer

peer

App

Transport
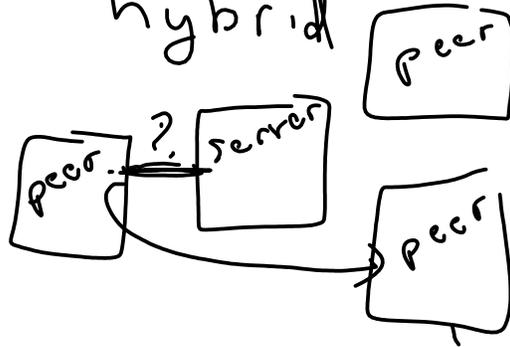
TCP: reliable
UDP: best effort

socket: OS resource
port: address of socket

HTTP

Browser ---- 54321

Server

listens: 80
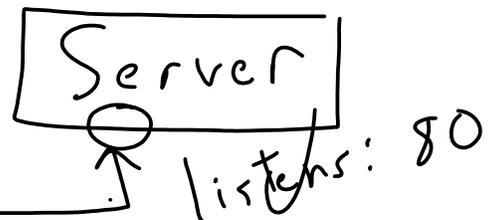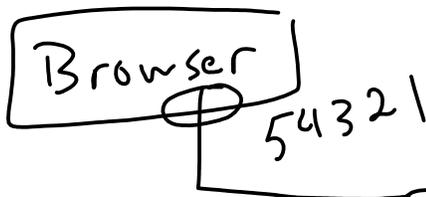
http://cs.gettysburg.edu/~cpresser/cs322/mine.html

protocol   host   path to a resource

cs117:~$ ls -ld public_html
drwxr-xr-x 95 cpresser staff 4096 Jan 20 12:52 public_html/

owner (user)   group   other

Ls includes web server   /~cpresser/

r w x - - - - - -
$$\underbrace{1\ 1\ 1}_{7}\ \underbrace{0\ 0\ 0}_{0}\ \underbrace{0\ 0\ 0}_{0}$$

chmod 700

http

Browser   Server

time

request   GET
                                        POST
                                        PUT
response

200 OK
304 not mod.
404 not found