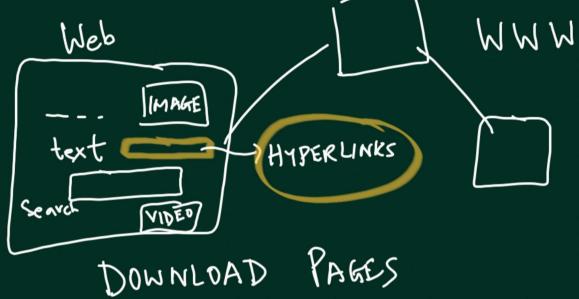
HITTP: HYPER-TEXT TRANSFER PROTOCOL

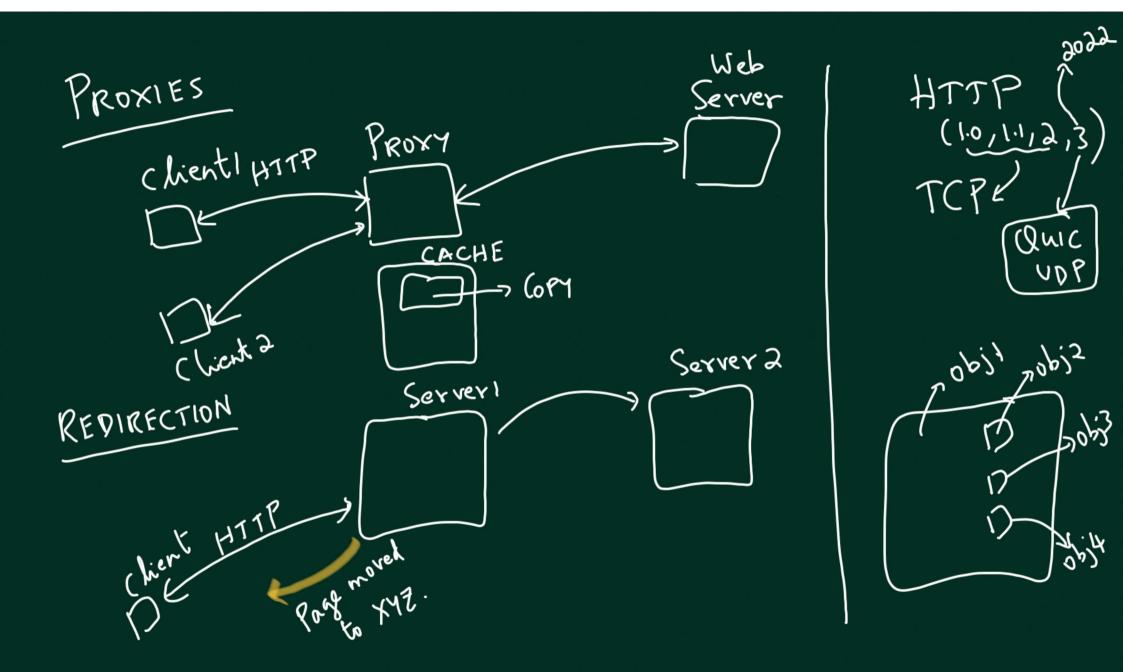
APPL. LAMER

PZP, DNS

detailed example exparie in Petersonie (In Ed.)



SUBMIT INFORMATION



HTTP MESSAGE

FORMAT

Example of REQUEST

GET (URL)

http://www.google.com/intex.htms

Alternatively /index.html

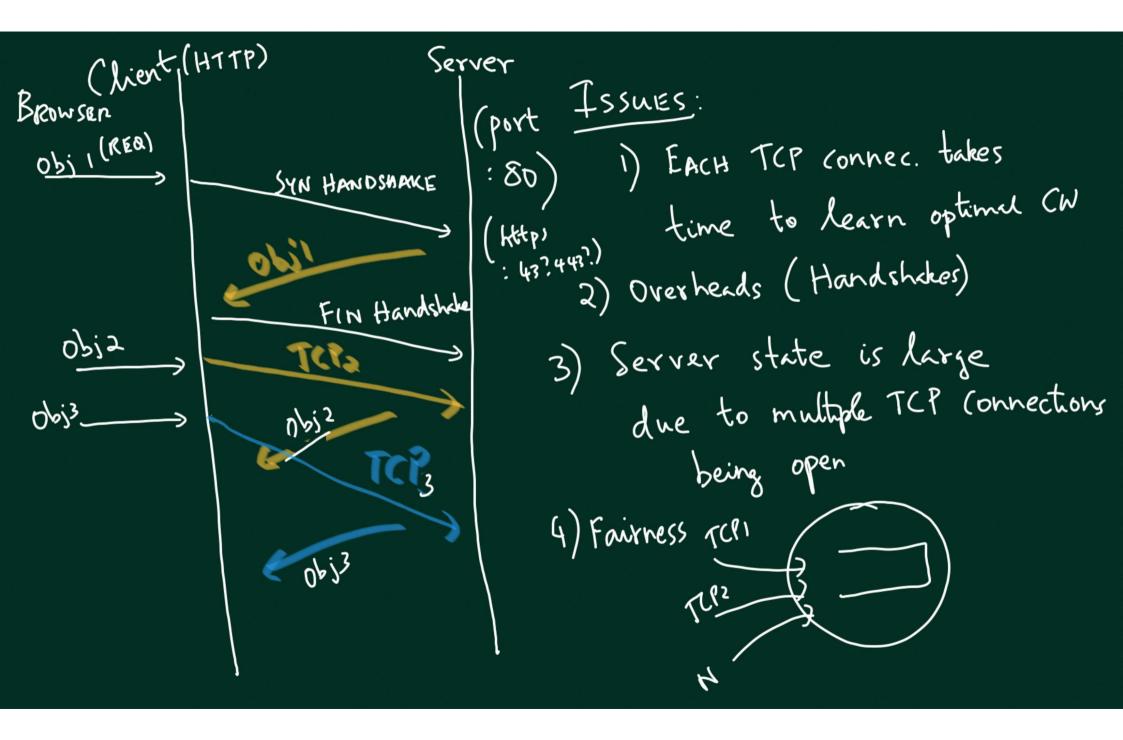
In HDR: HOST: Www-google.com

REQUEST OPERATIONS

GET -> RETRIEVE DOCUMENT HEAD -> RETRIEVE META INFO (e.g. LAST MODIFIED, LENGTH ...) OPTIONS ---) AVAILABLE OPTIONS (HTTP POST -> GIVE NEW INFORMATION SEXVEY) TO SERVER PUT -> STOKE/MODIFY INFO AT SPECIFIED WELL ON SERVER DELETE -> Delete specified URL

RESPONSES Example (START LINE) HTTP /1.1 202 ACCEPTED (CRLF> (ontent-length:__. (ADR) Expiry-time: <CRLF> (BODY) 1XX Informational RESULT CODES 2XX Success 3xx REDIRECTION 4XX CLIENT ERROR 5xx SERVER ERROR

BROWSER HTTP & T(P REQUESTS 20650 (index.html) HTTP -> Q. Send all requests at once or sequentially? > ONE REQ. PER TCP connection? Obil TCP 06/5 Obij-m HTTP Opji NEW TCP CONNECTION Server 06,3 FOR EACH "GET"



Chient 1 link (assuming Each gets Same TCP Version, RTT, (m+1) mtl C. my -> client 1 C. my -> client 2

PERSISTENT TCP CONNECTION HTTP 1.1 Client (HTTP) Server Browser SYN HAMDSOME HOL Blocking 1 180 انون Obj'h gets
delayed because
Obj(k-1) is
obj(k-1) is
taking time
to
download 6252 0651 6/0/3 GET Obja Same TCP GET Obj3

HTTP2 -> Single T(P, STREAMS RESPONSE (obji) GET STREAM - FRAMES F1,2 F1,3 FIN RESP STREAM 2 F2,2 F23 F2,1 RESP. GET STREAM 3

F312 F315 ...

