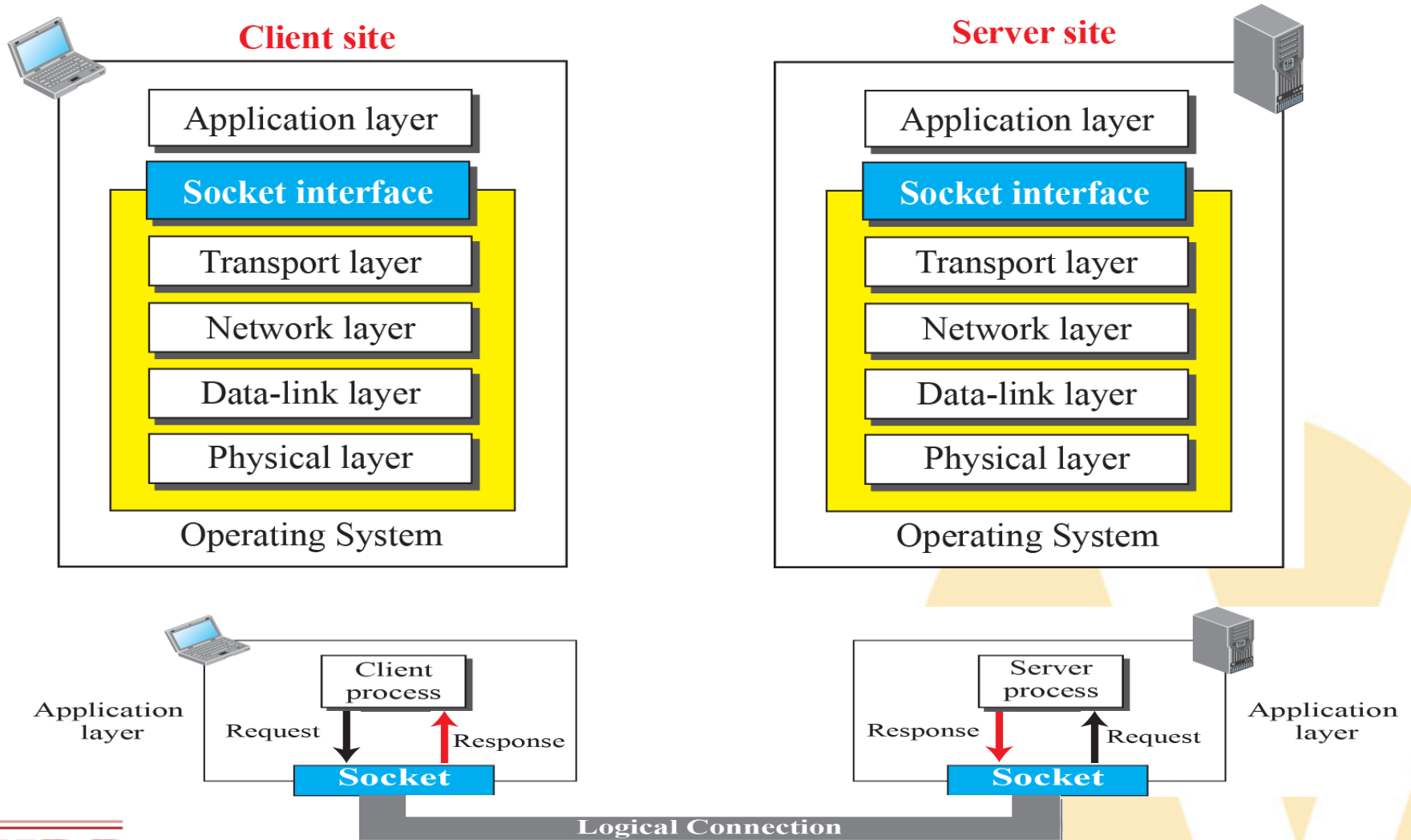


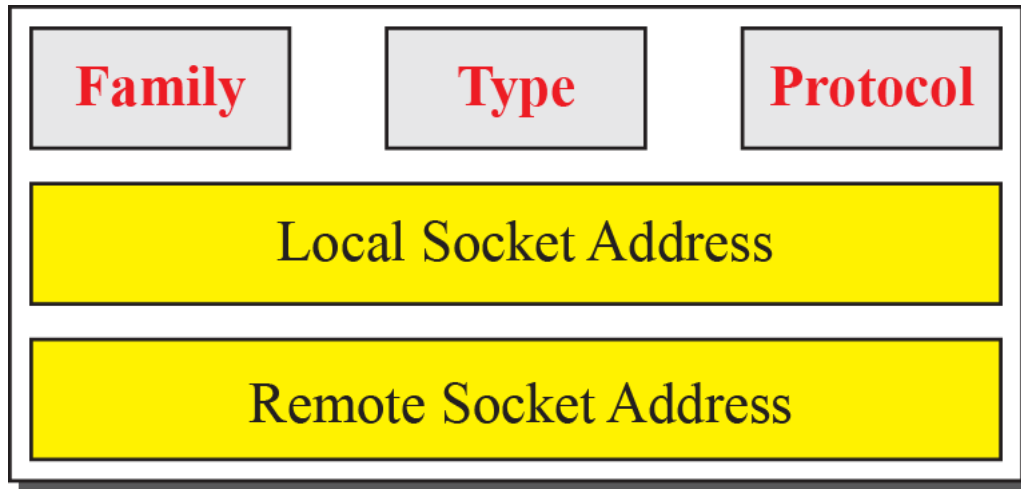
Additional Charts on Sockets

EE450: Computer Networks
University of Southern California
Professor: A. Zahid

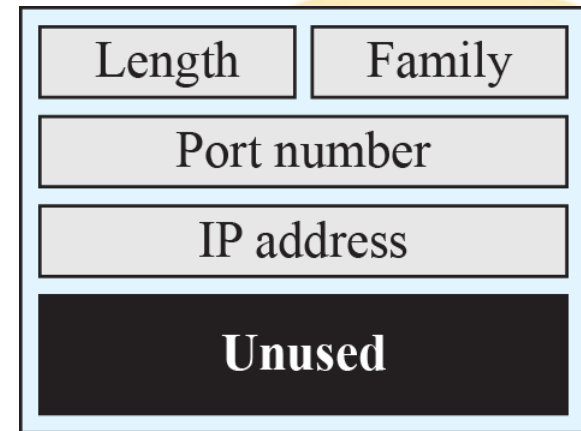
Concept of Sockets



Socket Structure and Address



Socket

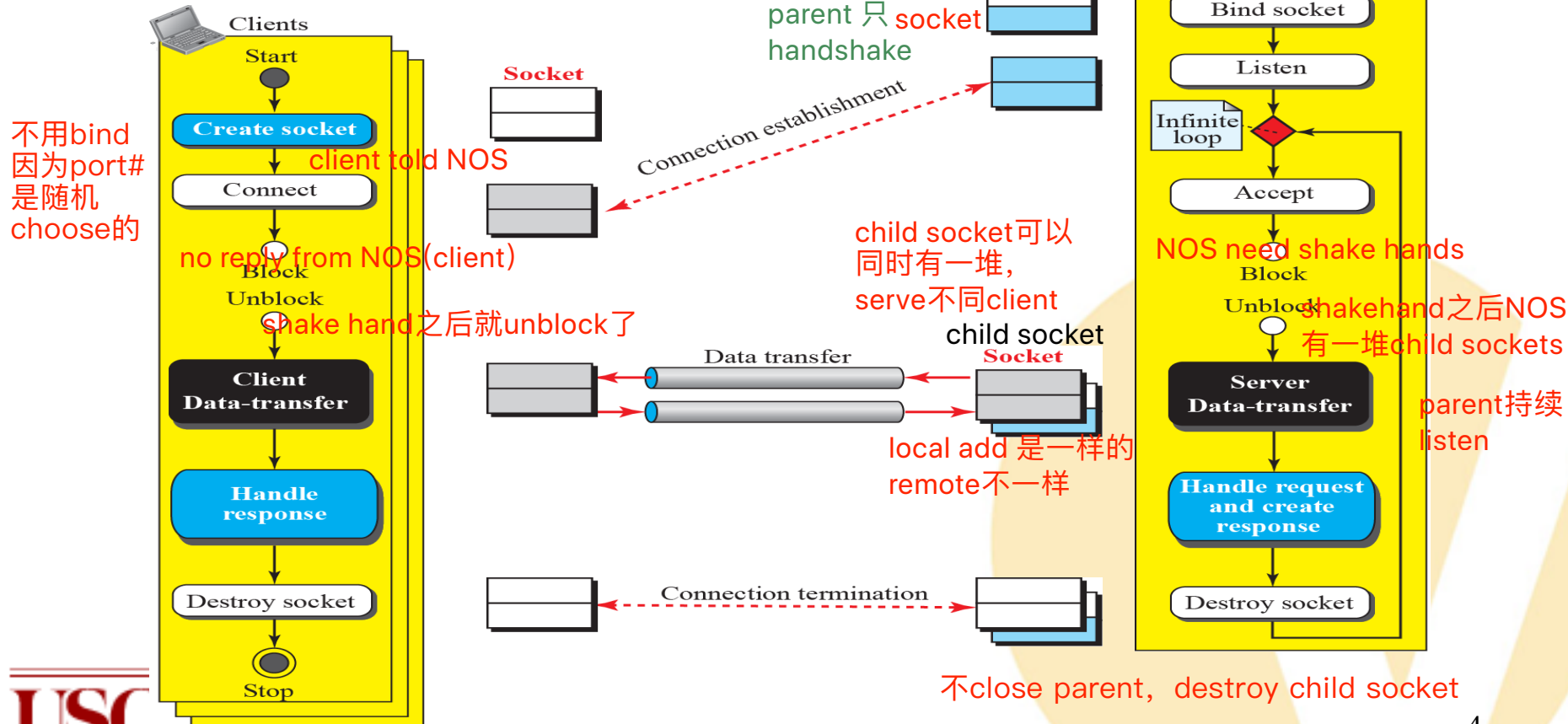
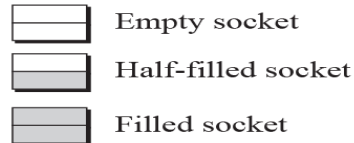


Socket address

TCP Sockets (Stream Sockets)

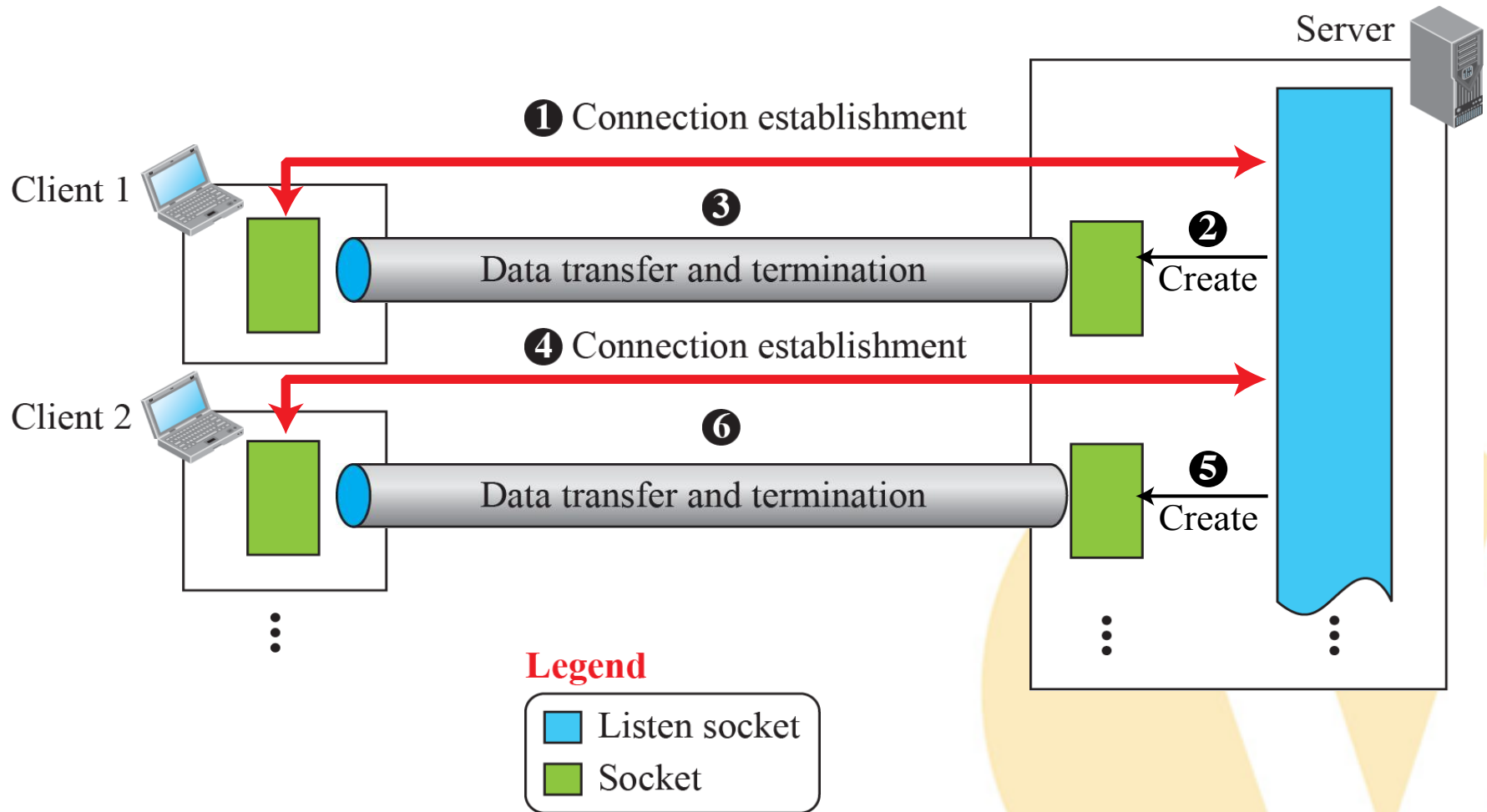
block的意思是
NOS不再接受同一
个C/S的command

Legend



TCP Sockets (Concurrent)

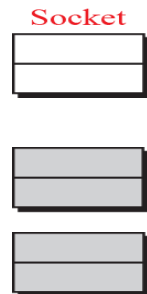
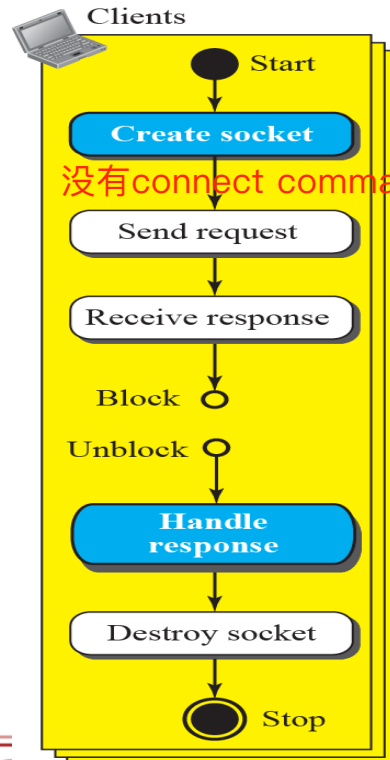
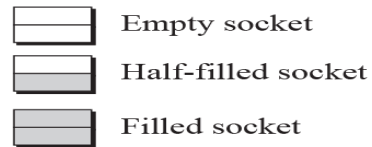
at the same time



one at the same time

UDP (Iterative) Datagram Sockets

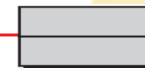
Legend



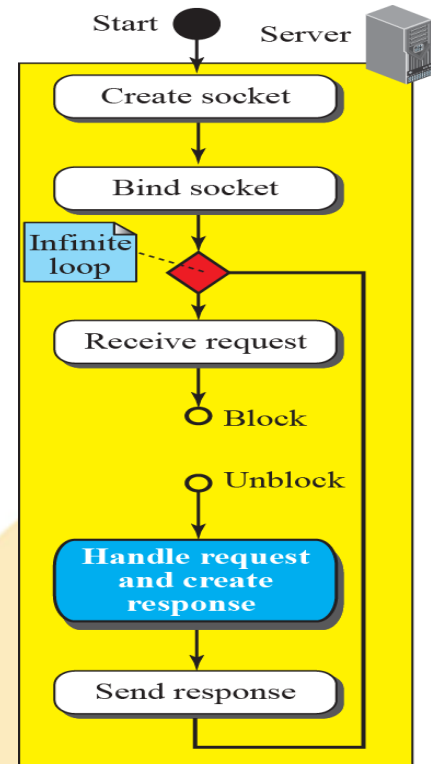
Request
Datagram



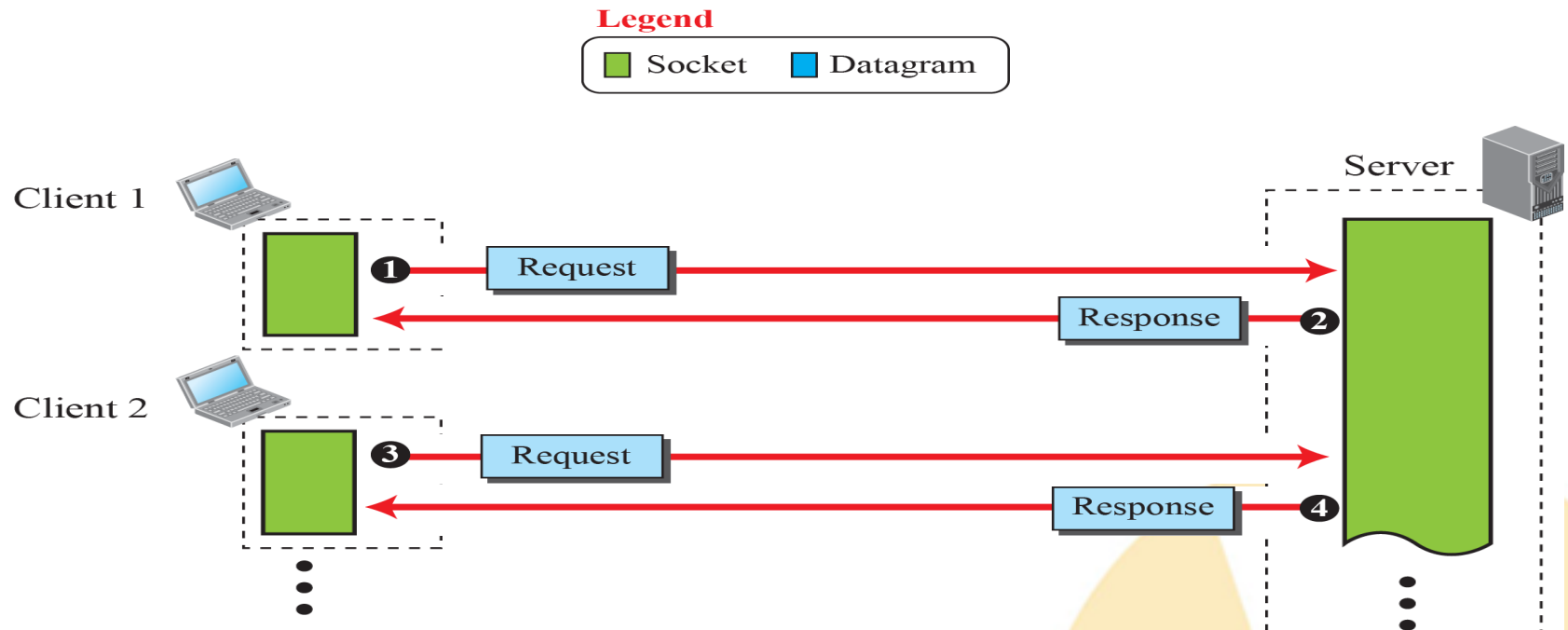
这时候不知道client
没有shakehand
所以没有child
socket



Response
Datagram



UDP Datagram Sockets (Iterative)



An iterative server can process one client request at a time; it receives a request, processes it, and sends the response to the requestor before handling another request. When the server is handling the request from a client, the requests from other clients, and even other requests from the same client, need to be **queued at the server site** and wait for the server to be freed.