

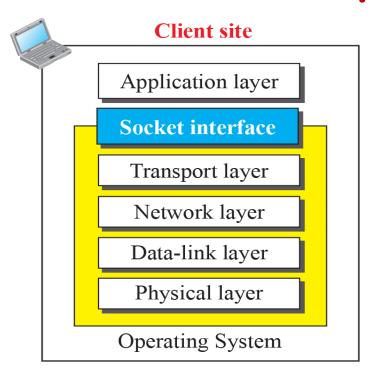
Additional Charts on Sockets

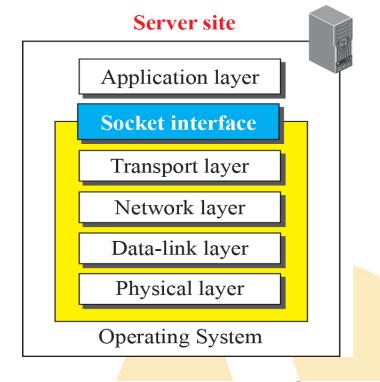
EE450: Computer Networks
University of Southern California
Professor: A. Zahid





Concept of Sockets







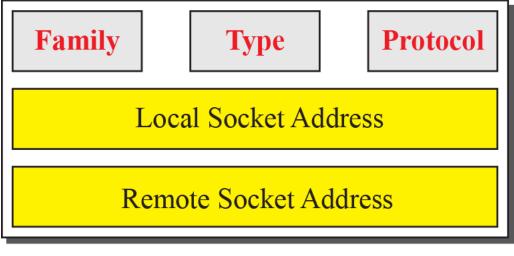


Logical Connection

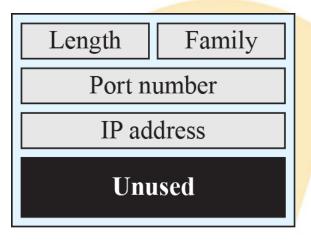




Socket Structure and Address



Socket



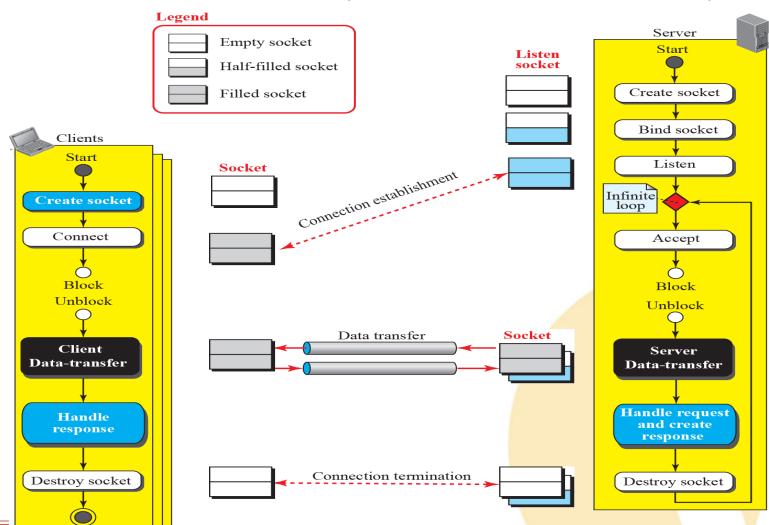
Socket address





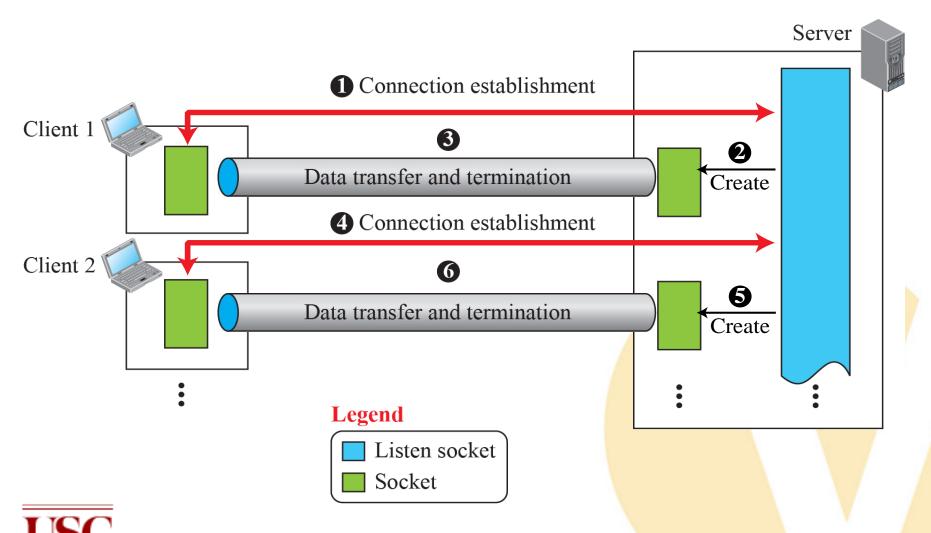
Stop

TCP Sockets (Stream Sockets)





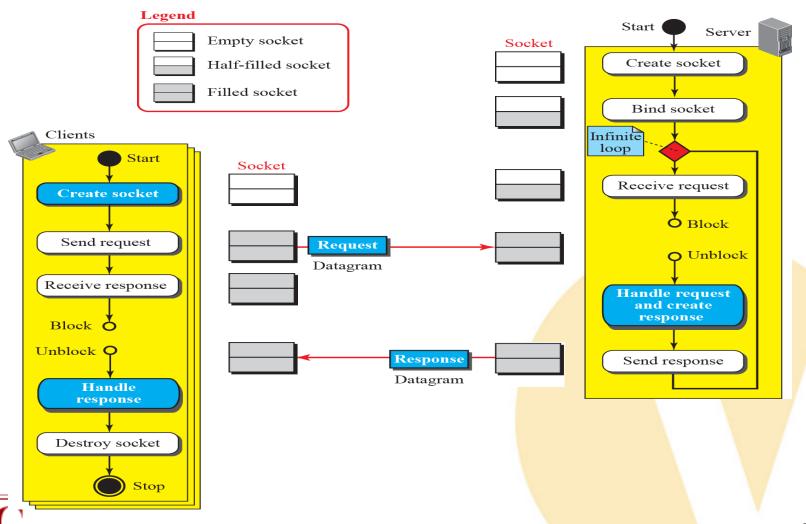
TCP Sockets (Concurrent)



5

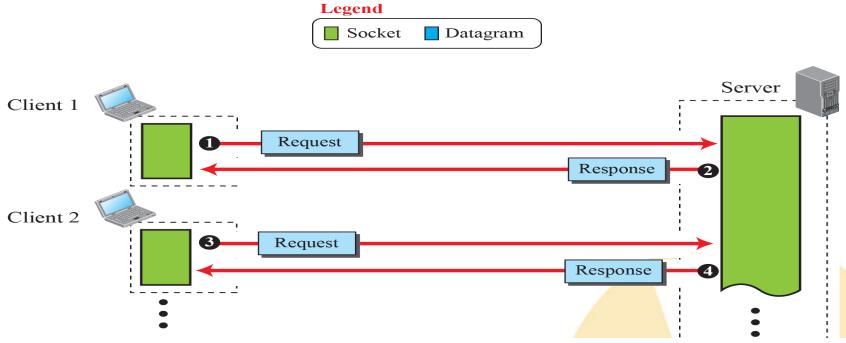


UDP (Iterative) Datagram Sockets





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.

