

# **Intro to Sockets**

## **Connections Lab Fall 22**

**How does the Web work?**



**CLIENT**



**SERVER**

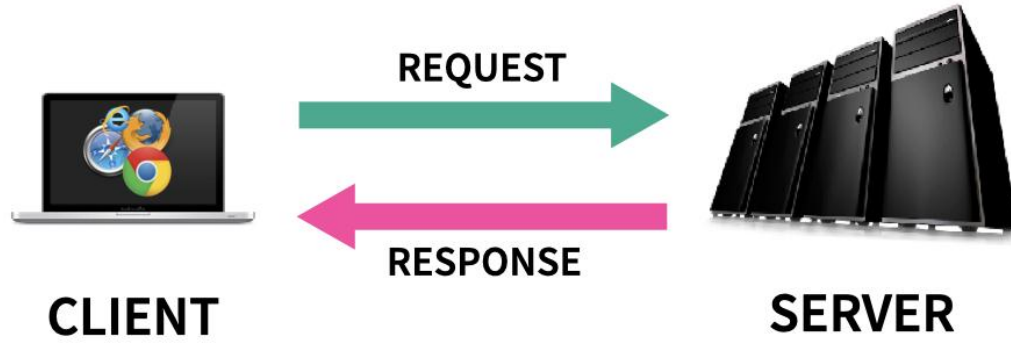


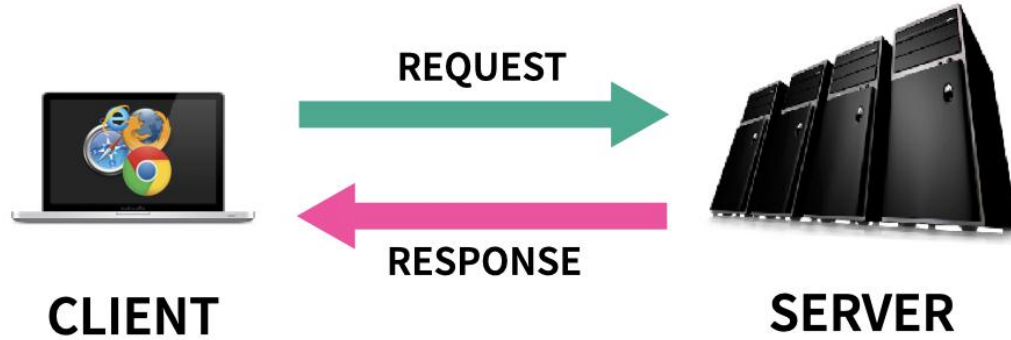
**CLIENT**

**REQUEST**



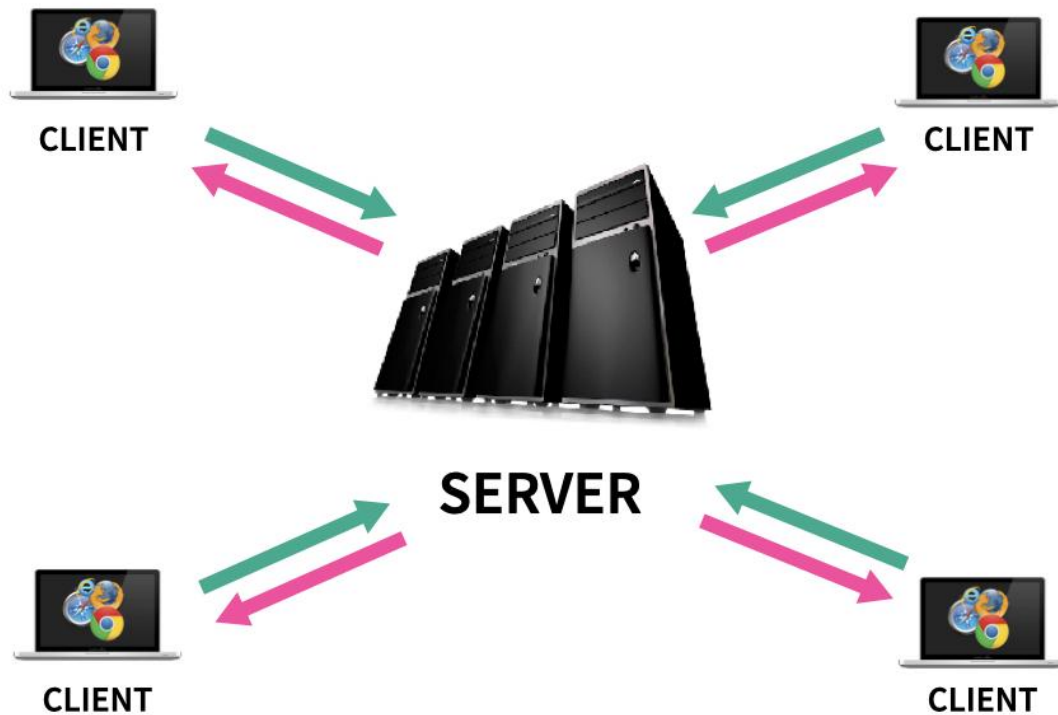
**SERVER**





# HTTP

HyperText Transfer Protocol



**How about multi-person real-time communication?**



# **WebSockets**

**ideal for two-way “text” exchanges  
data passes through centralized server  
example - social feed**

# **WebRTC**

**ideal for streaming audio and video  
data sent from peer to peer  
example - multi-media chat**



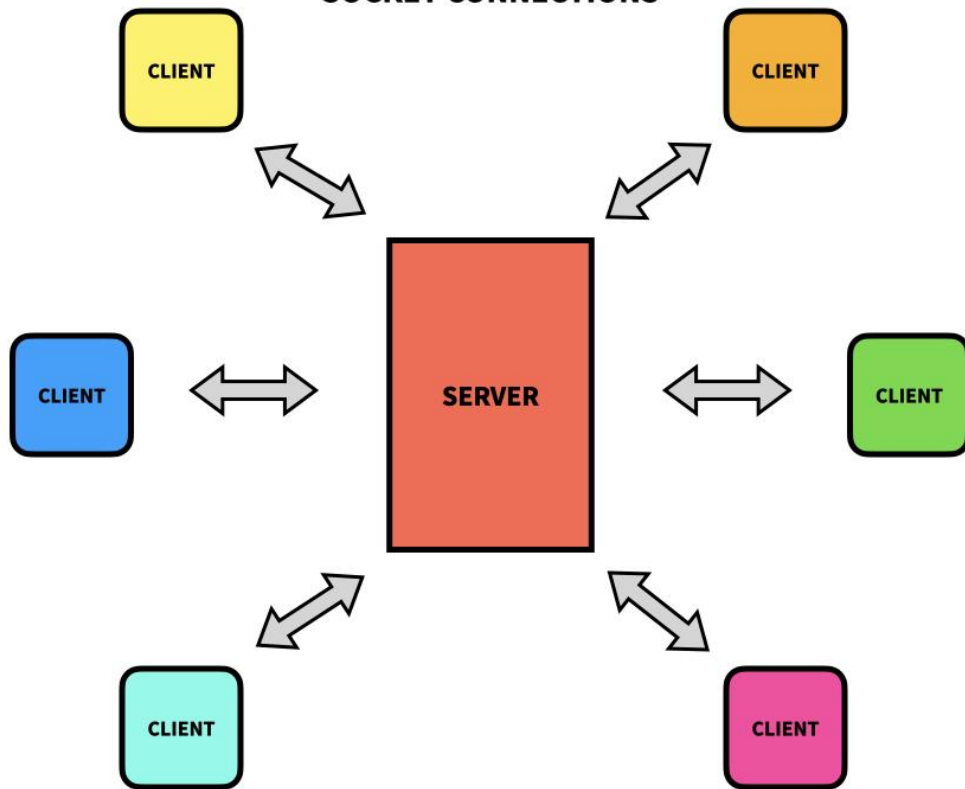
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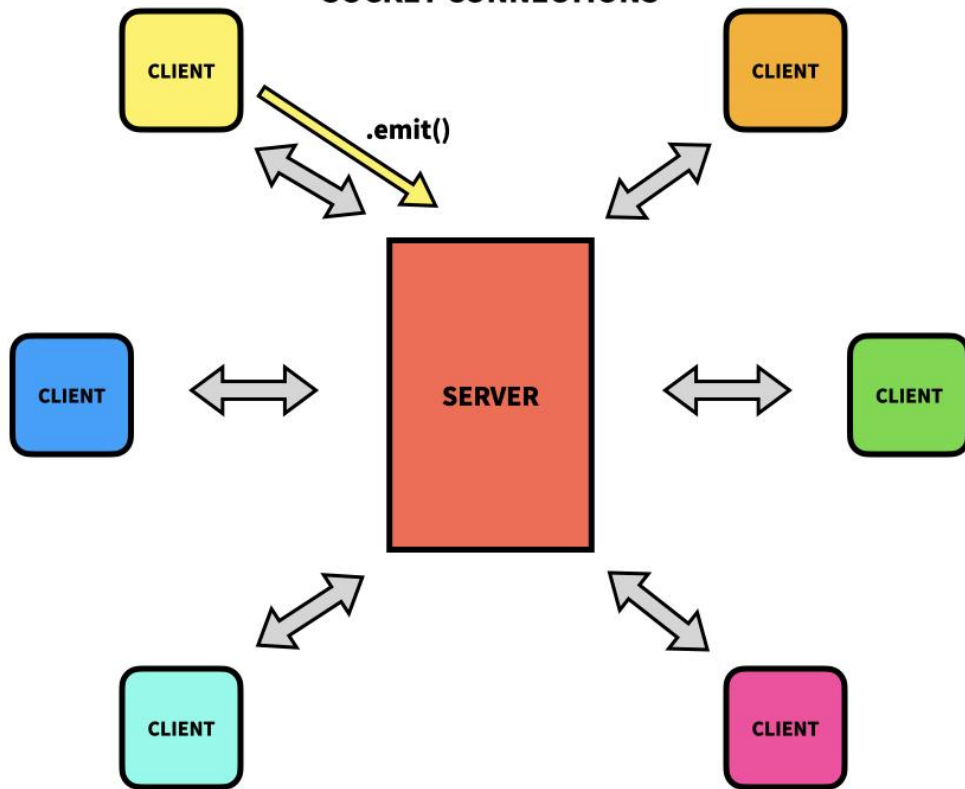
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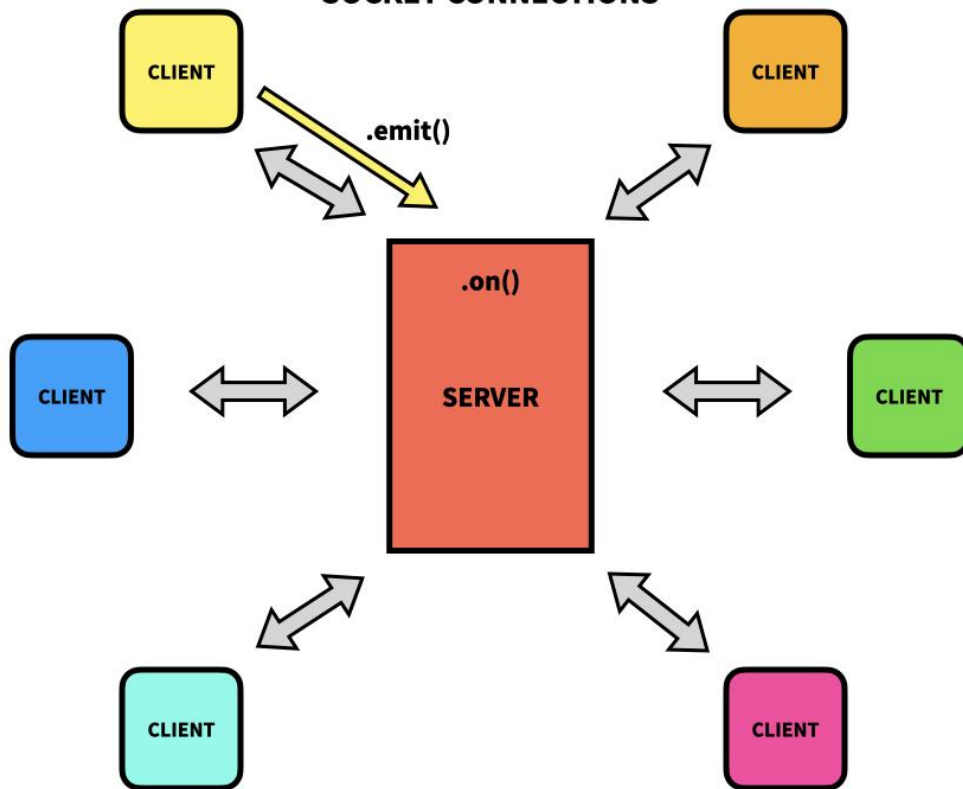
## SOCKET CONNECTIONS



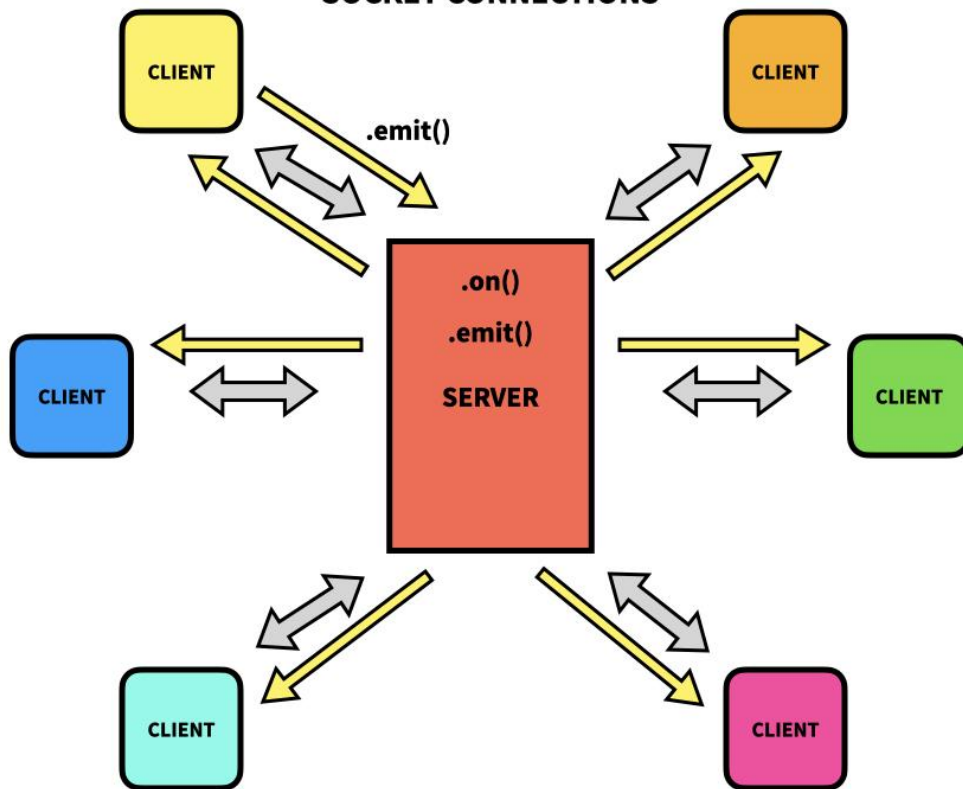
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