



**TuxRide**

**<How the web works?>**

Web Enthusiast's Club

# The Internet

A huge number of computing devices connected together.

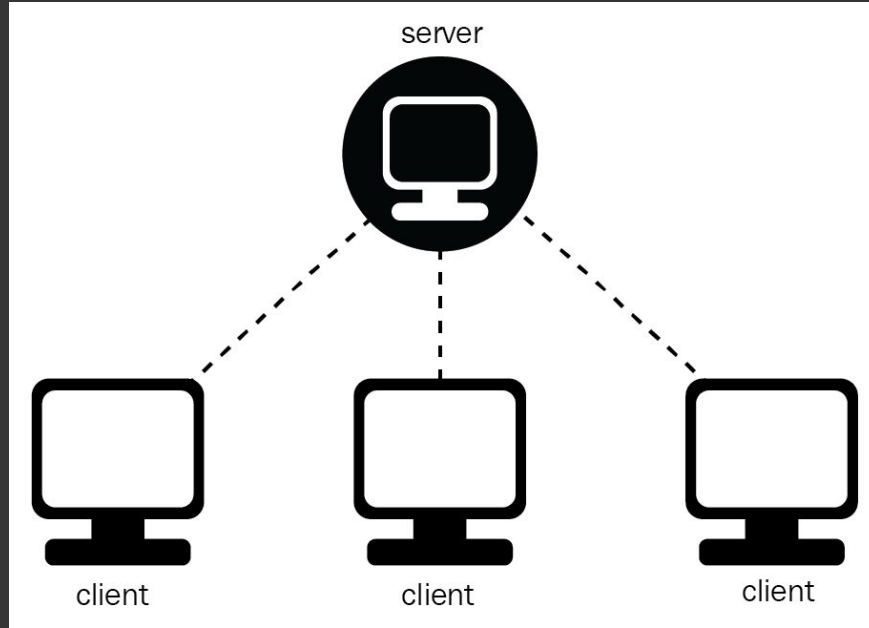


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# The Basics

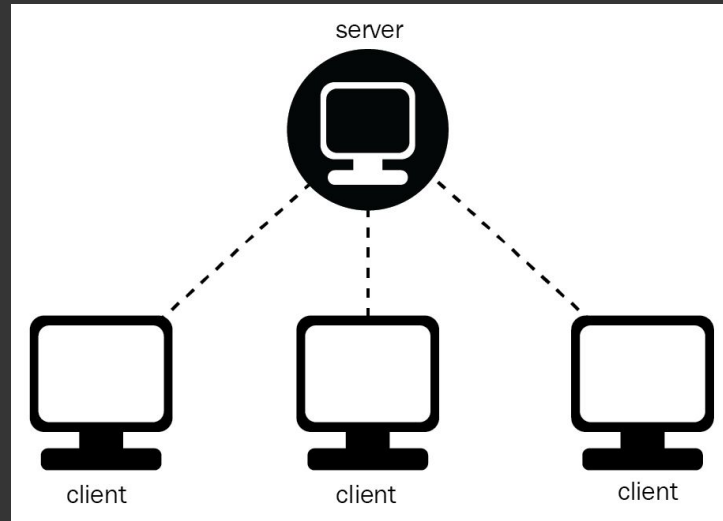
- Clients and Servers
- IP addresses and Protocols
- Ports
- Sockets

# Client - Server Design





# Client - Server Design



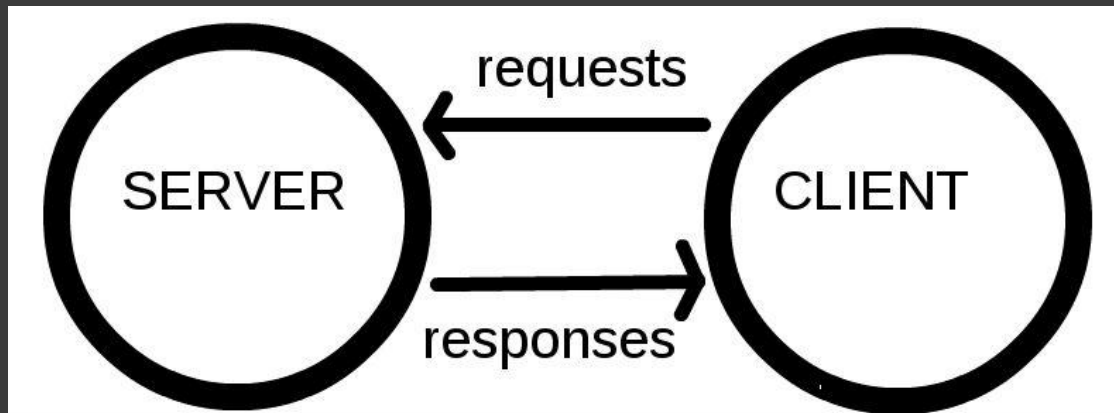
# IP Address & Protocols

IP - 127.0.0.1

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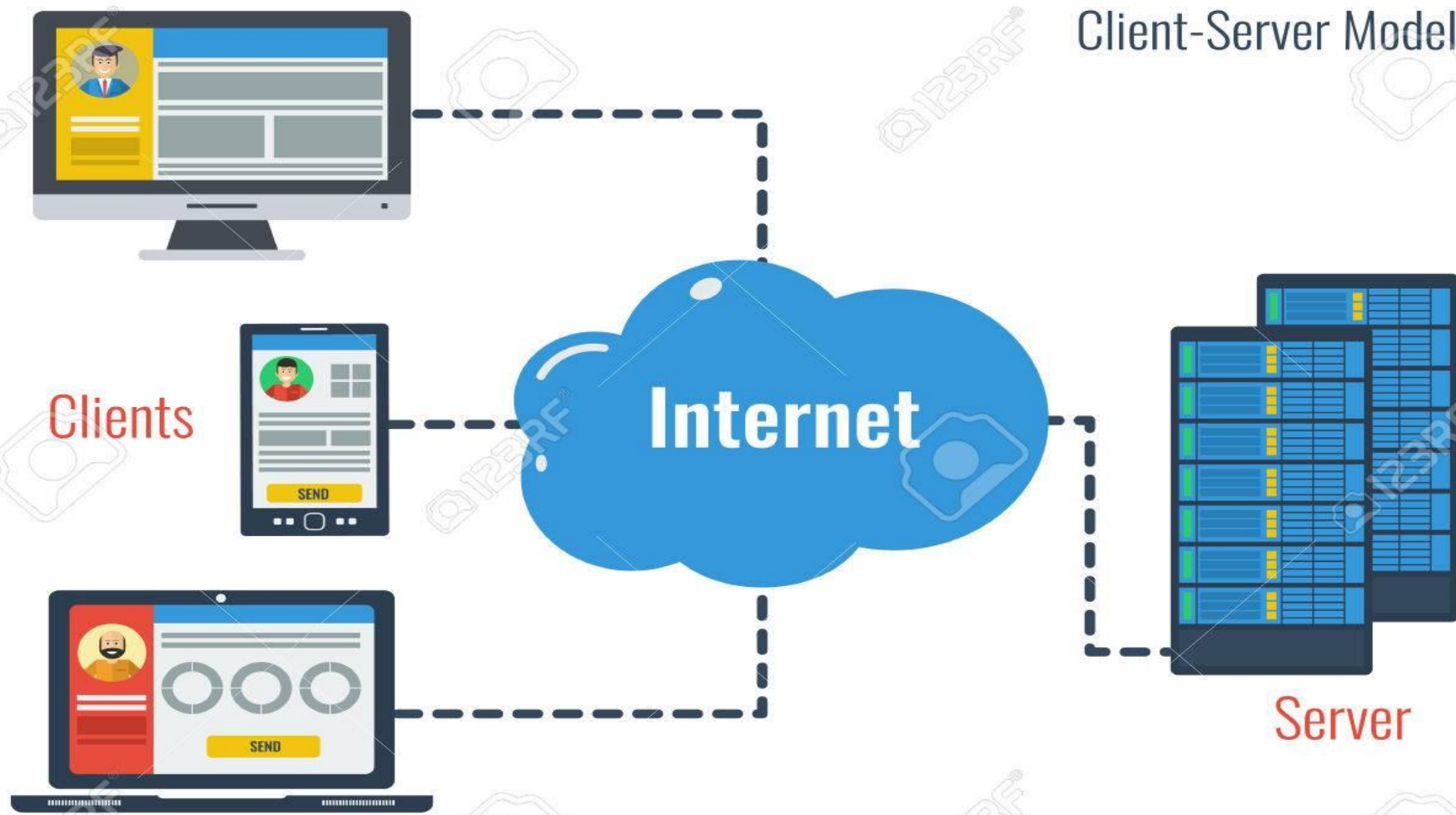
TCP/IP Protocol

# Ports





# Client-Server Model





Google



Stack Overflow - Where Develop



The world's leading software dev



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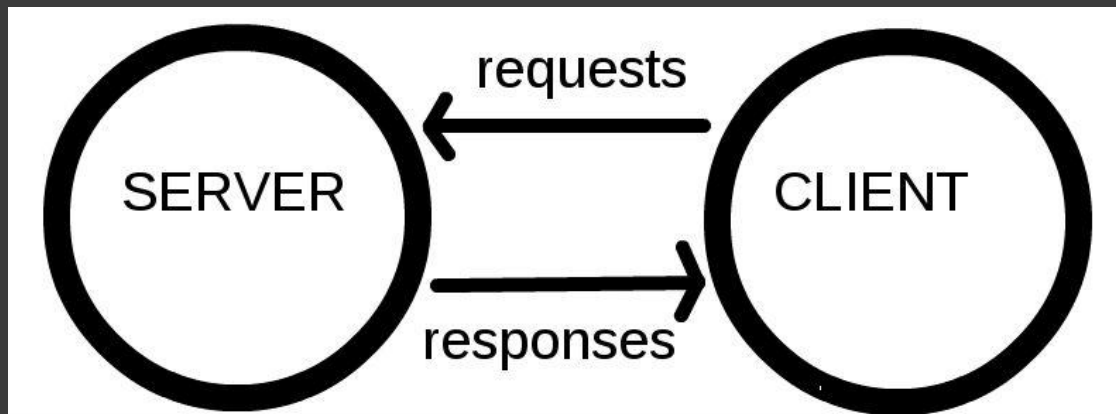
Bing

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Languages: हिंदी বাংলা తెలుగు मराठी தமிழ் ગુજરાતી ಕನ್ನಡ മലയാളം ਪੰਜਾਬੀ

# Ports



# Ports

Protocol / Application	Port
HTTP	80
HTTPS	443
SSH	22
FTP	20, 21

# —

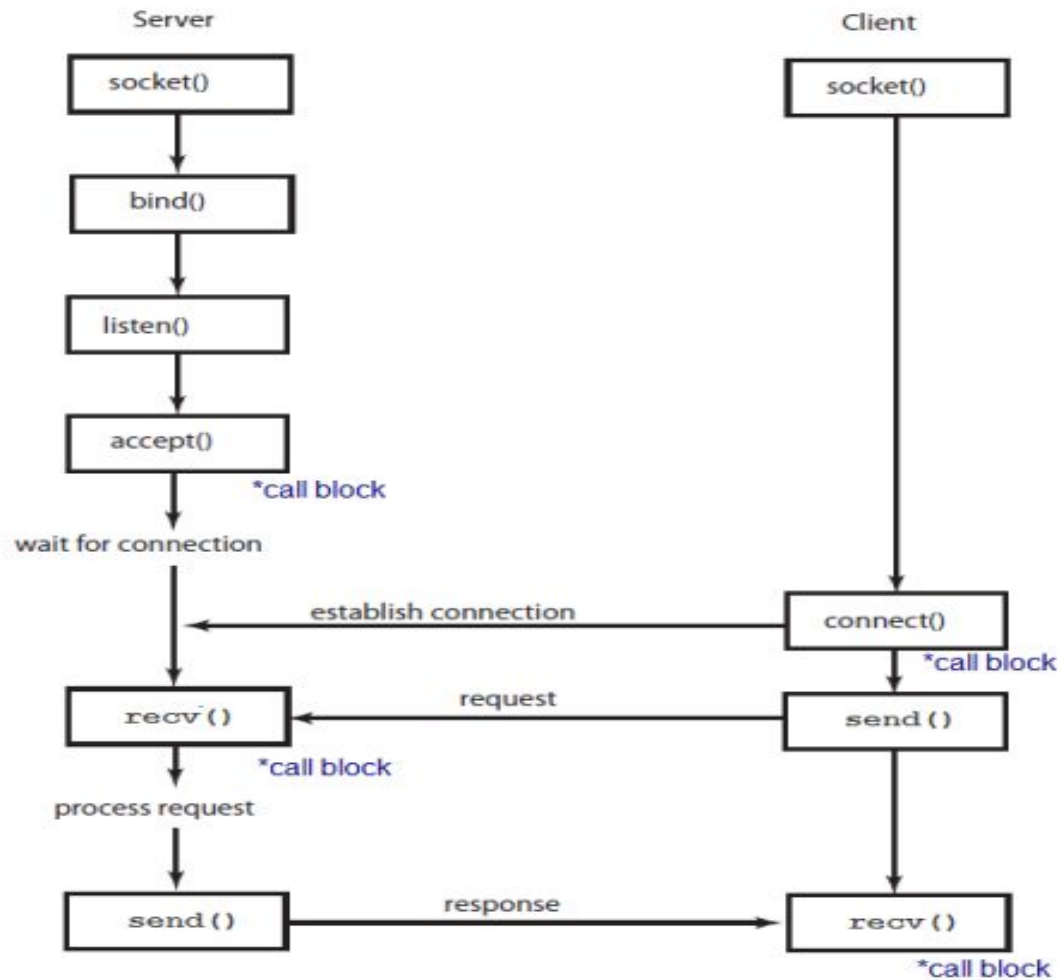
## Sockets

A network socket is an internal endpoint for sending or receiving data within a node on a computer network. Concretely, it is a representation of this endpoint in networking software (protocol stack), such as an entry in a table (listing communication protocol, destination, status, etc.), and is a form of system resource.

- [Wikipedia](#)

**But how does it all work?**

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**Thank You!!**

