

HTTP HYPERTEXT TRANSFER PROTOCOL

- HTTP protocol is used to transfer data in form of plaintext, hypertext, image, audio, video etc.
- This protocol allows us to use hypertext environment
 jump from one document/part of document into another.
- Requires data connection only. * FTP. — data & control connection

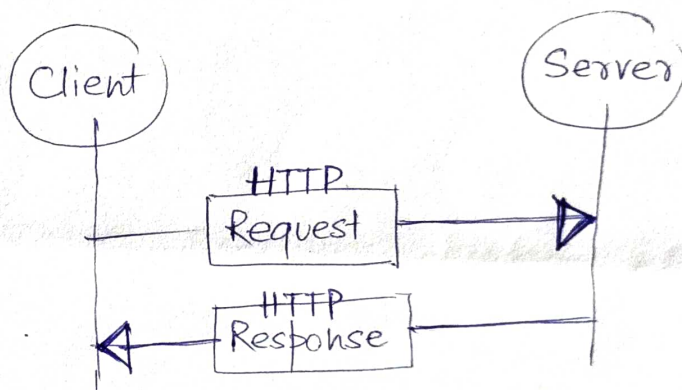
■ Features

- Connectionless protocol

Connection between client & server exists during ~~data transfer~~ request & response time only

- Stateless protocol

Client & server do not retain information ~~between~~ ^{of} various requests of web pages



URL

Method : // Host : Port / Path

http : // www.abc ~~com~~ : 8000 / xyz

- **HTTPS** Hypertext Transfer Protocol Secure
HTTP is encrypted using TLS/SSL

HTTP + ~~TLS~~ **TLS**
Transport layer Security

HTTP + **SSL**
Secure Sockets Layer