



SNS COLLEGE OF TECHNOLOGY

Coimbatore-35
An Autonomous Institution

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Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai



DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

19CSB302- COMPUTER NETWORKS

UNIT-5 APPLICATION LAYER



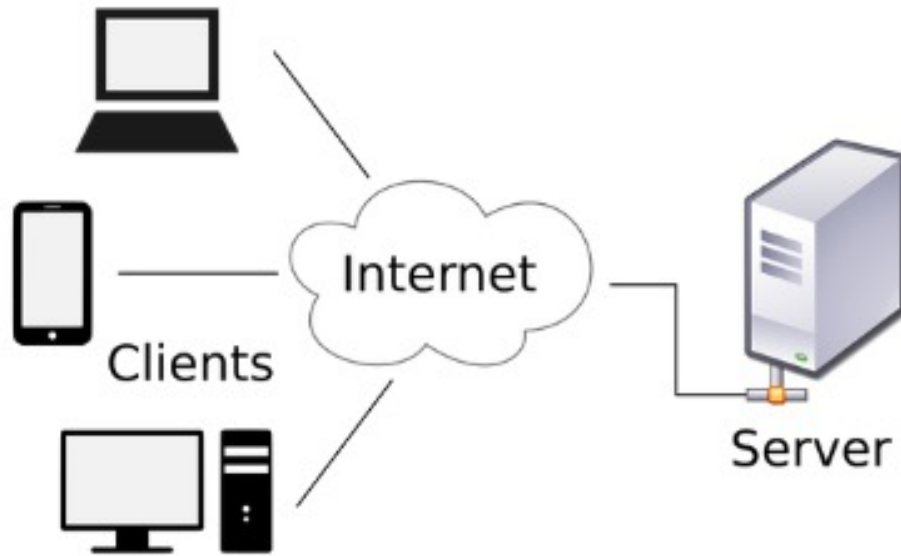
Application Layer



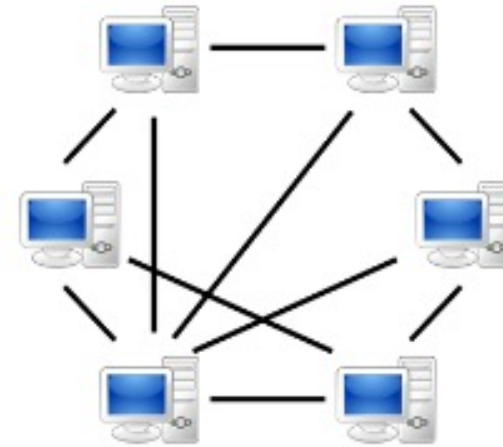
- The application layer is the highest layer in the protocol suite.
- The application layer provides services to the user..
- The application layer is the only layer that provides services to the Internet user
- The application layer exchange messages with their peers on other machines



Application Layer Paradigm



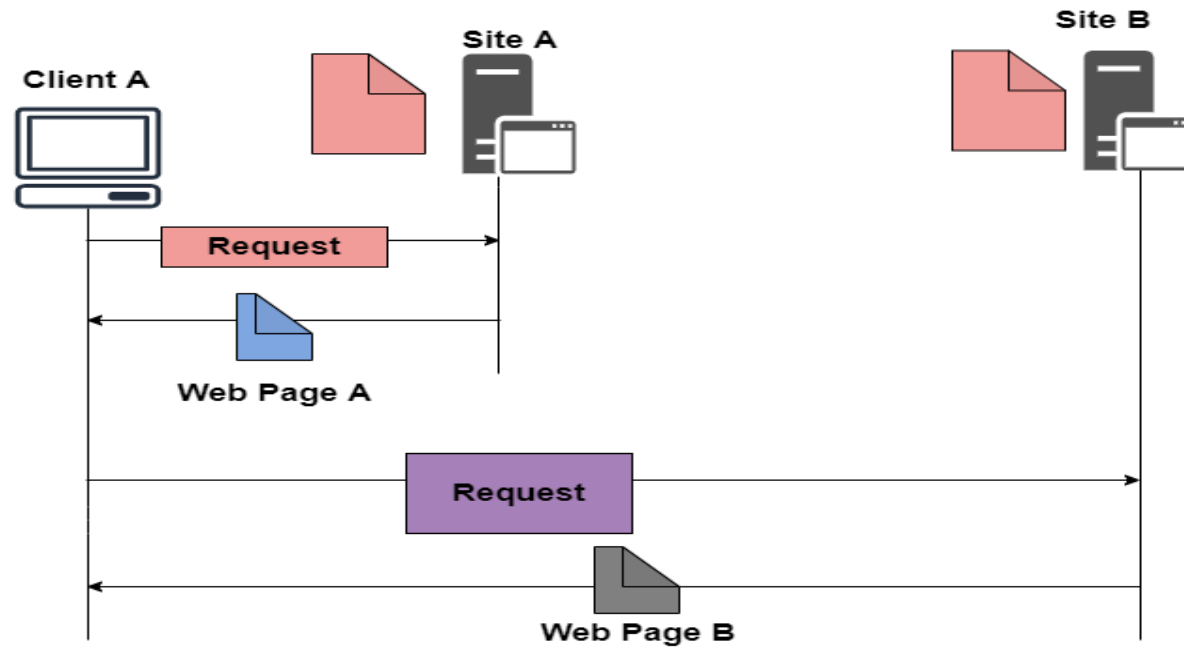
Client-Server



Peer-to-Peer

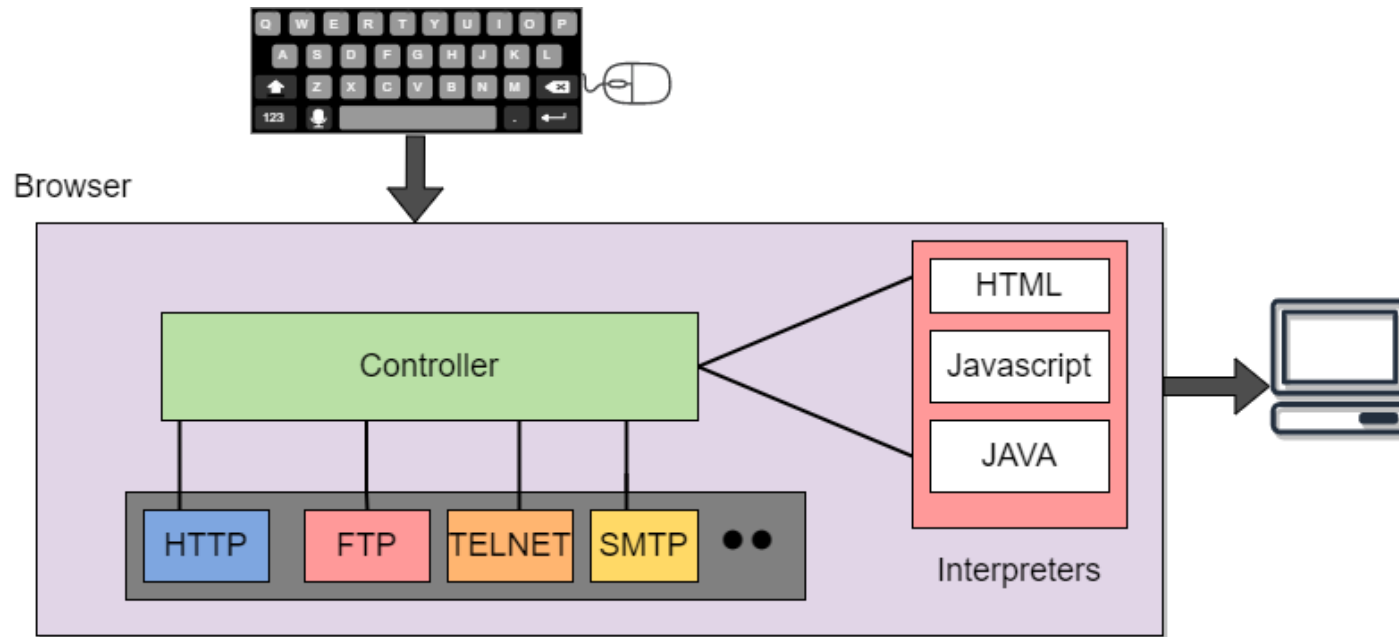


World Wide Web





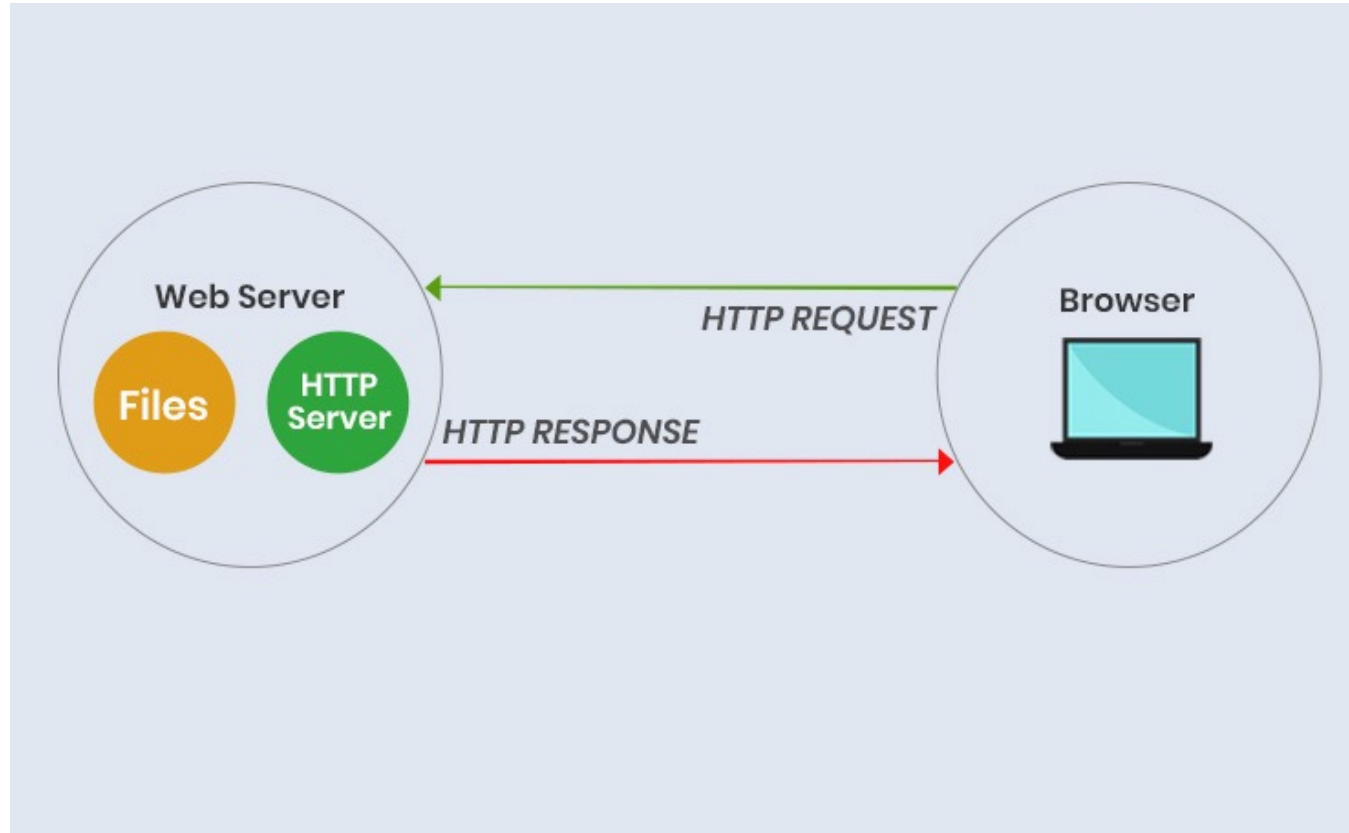
Web Clients(Browsers)



The controller receives input from the keyboard or the mouse and uses the client programs to access the document. After the document has been accessed, the controller uses one of the interpreters to display the document on the screen.



Web Server



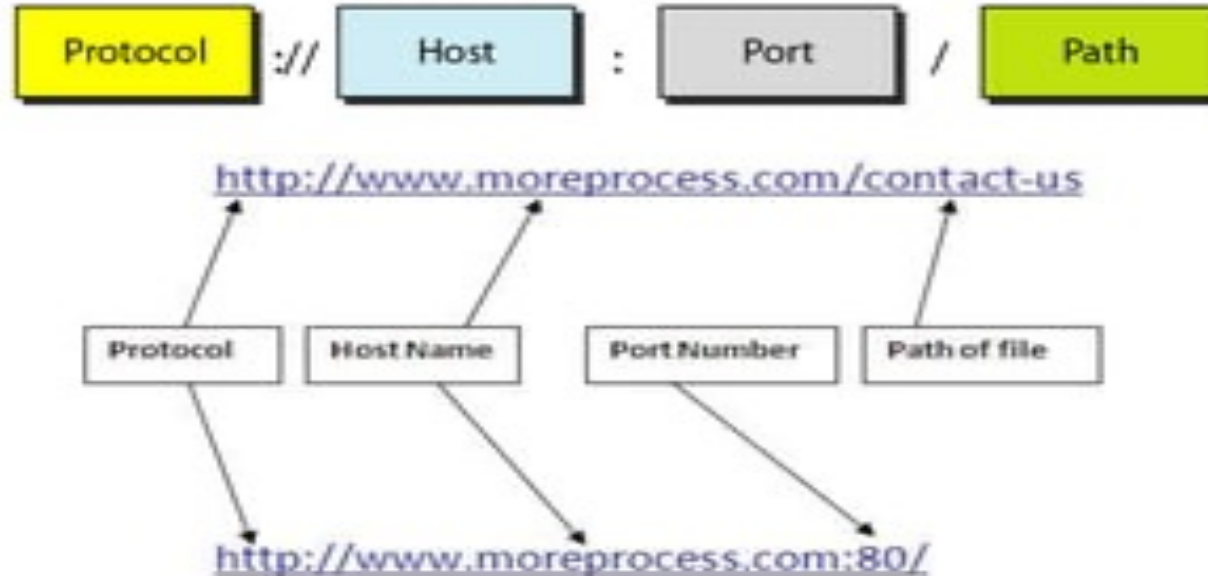
All the communication between the web client and a web server use the standard protocol called as HTTP
A client (browser) opens a connection to the server, sends a request, receives information from server and closes the connection.



Uniform Resource Locator



Example URL



- Uniform Resource Locator (URL), uniquely identify resources on the Internet
- URL provides information about its location on the Web