

COMPONENTS OF A WEBSITE

Indian Institute of Technology Kanpur
Commonwealth of Learning Vancouver



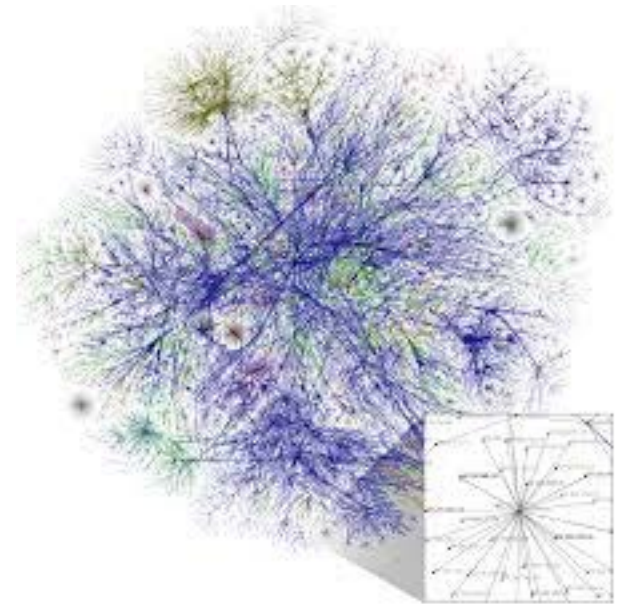
MOOC4D

massive open online courses
for development

MOOC on M4D 2013

Internet

- A network of networks
- Research started in the '60s – by mid '80s came into wide use
- IP Address and DNS
- WWW is often interchangeably used with Internet



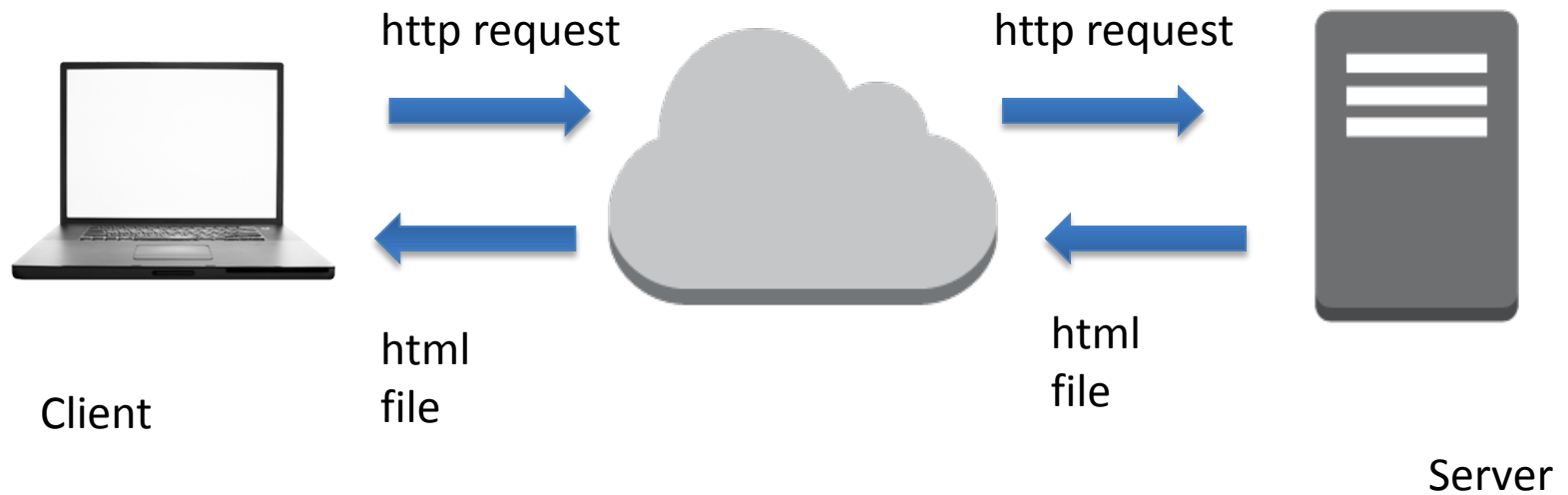
WWW

- 6 August 1991
- The first website: Info.cern.ch
- The first webpage
- <http://info.cern.ch/hypertext/WWW/TheProject.html>
- Hypertext concept was already known and there systems which worked on a single machine
- HTML, HTTP, URL



Tim Berners-Lee

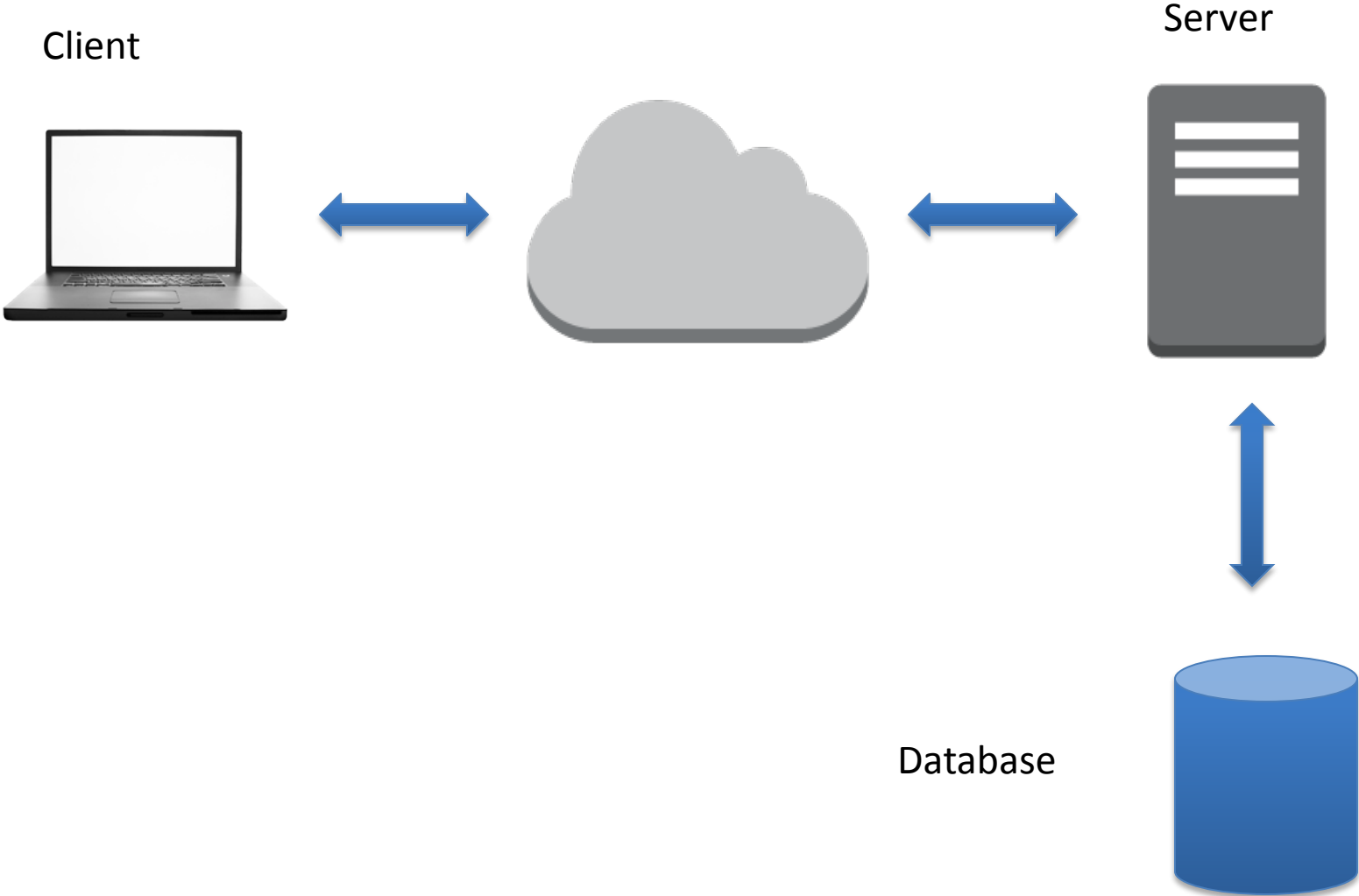
Web architecture



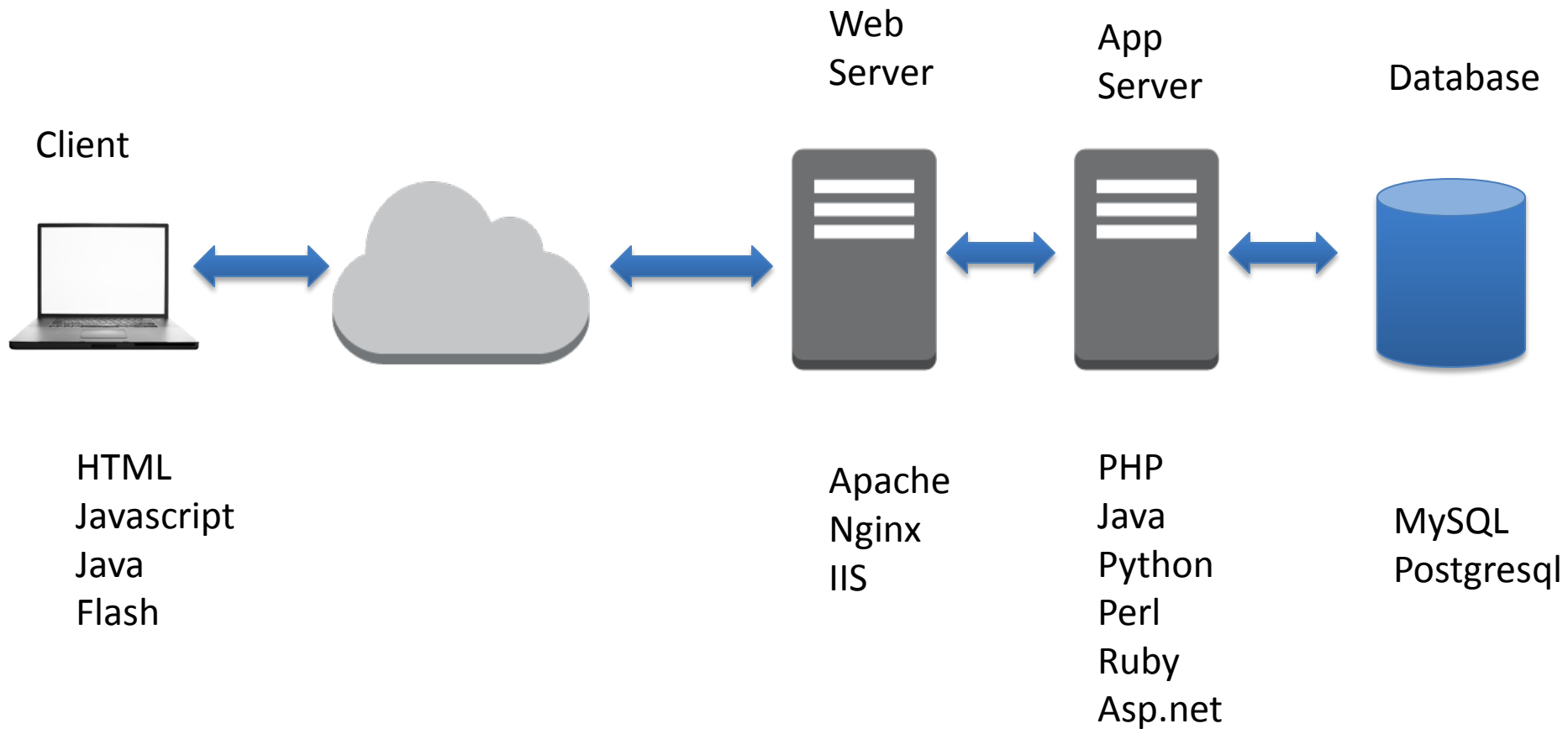
Browser/Server

- Browser is on the client machine
 - Displays HTML content properly formatted
 - Executes programs: Javascript, Flash, Java..
- Server is where the content is sitting
 - Server is a program
 - Where the content is stored
 - Server is a machine

Database Driven Website



Where does the “Business Logic” execute?



Cookies

- Data stored in the client
- Data from the Webserver
- Client sends it back when the site is accessed
- Useful for
 - Session management
 - Personalization
 - Tracking

Warning

- Passwords in the browser are visible!!!
- Don't give access to the machine

Home Work

In the browser you are using, figure out how to see the stored passwords

THANK YOU



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