

Database
Language -> OOP
Applications -> Native Applications
Java -> DB
Web Applications

HTML
CSS
BOOTSTRAP
JavaScript
JQuery

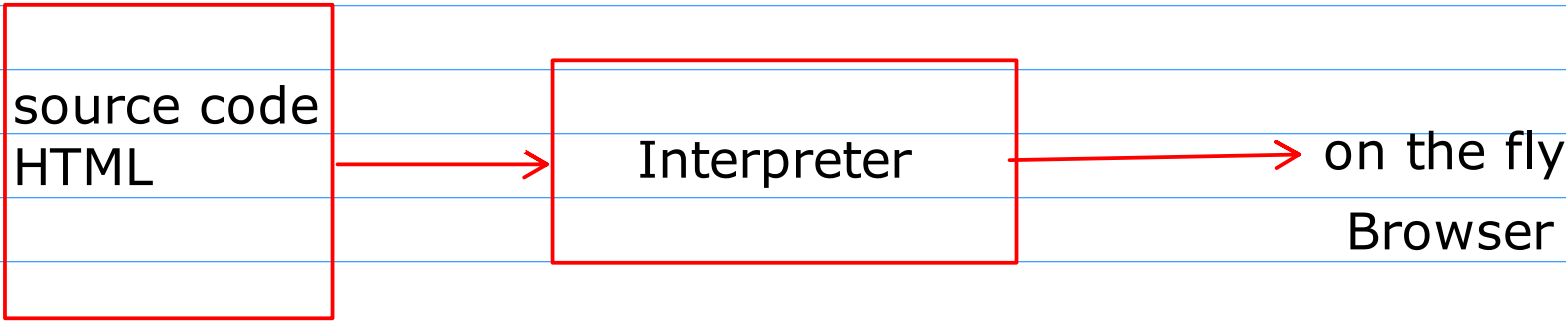
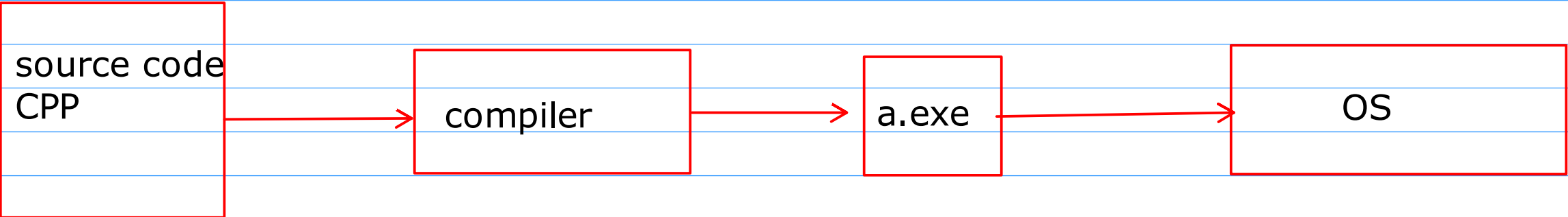
Backend Server
Node JS
Express

FrontEnd
React

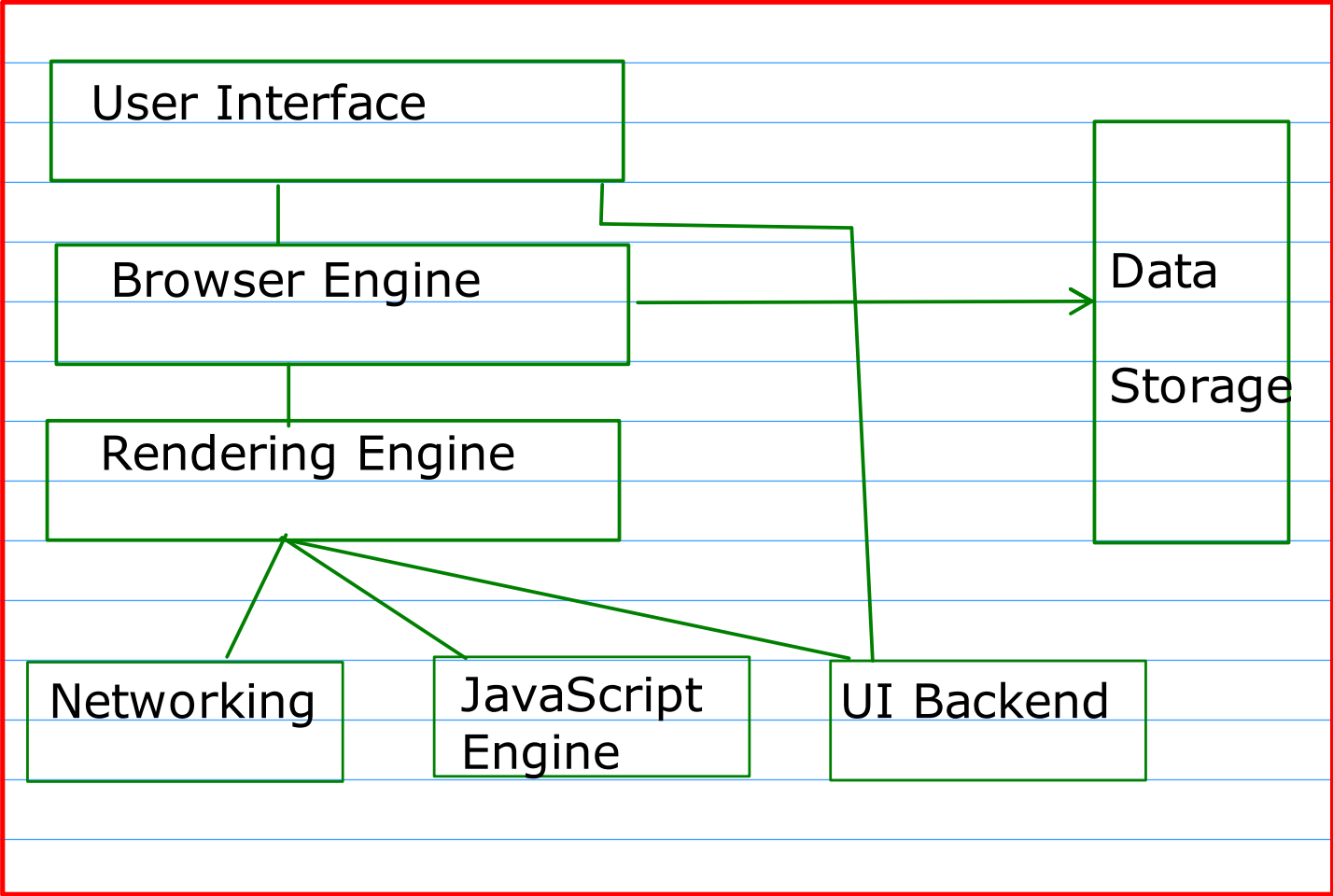
Browser
- An application

Xournal
Mysql
JVM

Compiled
Interpreted



Browser Architecture



Rendering Engine
Safari -> Webkit
Chrome -> Blink
Firefox -> Gecko

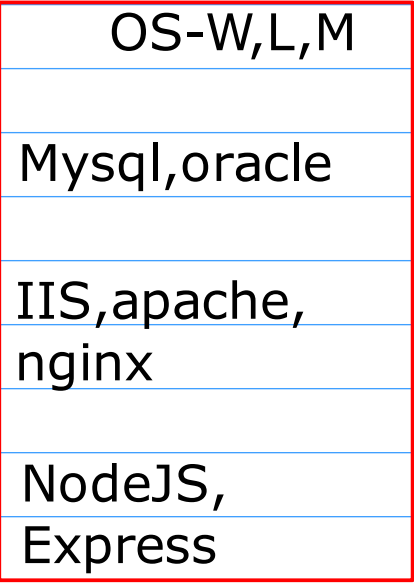
JavaScript Engine
Safari -> JavaScript Core
Chorme -> V8 JavaScript Engine
Firefox -> spidermonkey

Server



A high configured physical machine
connected to the internet

Server



DB Server

Web Server

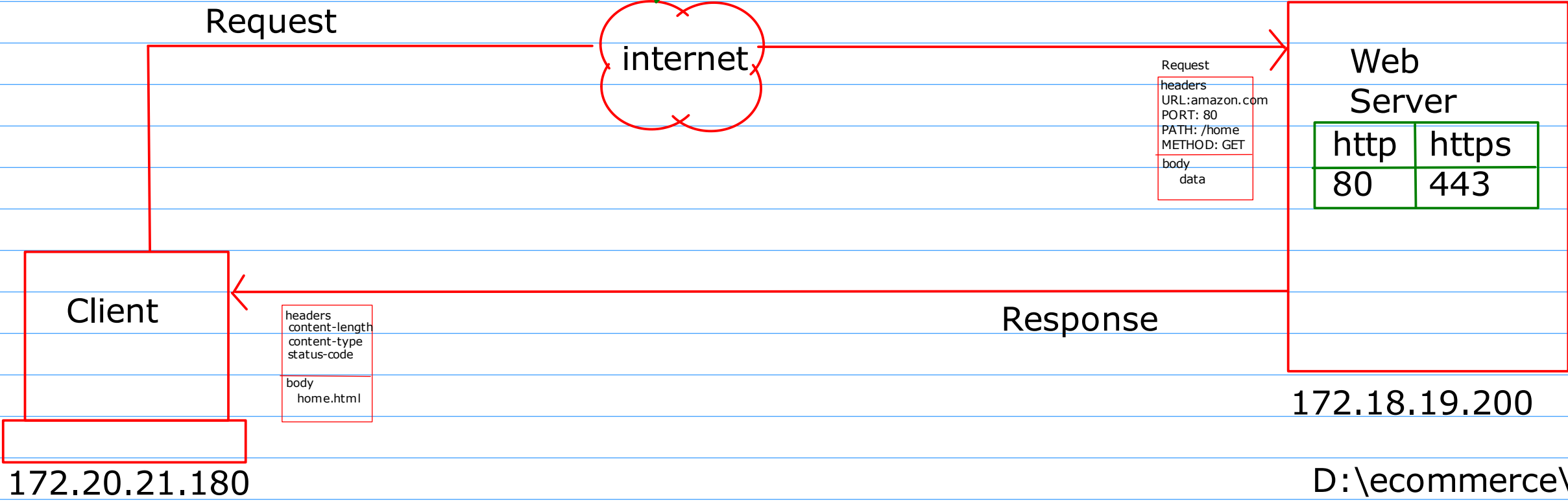
Backend Server

Web Architecture

DNS

domain	ip
name	address

IIS,apache,nginx



URL -> protocol://ipaddress:portno/path
http://amazon.com/home.html
http://172.18.19.200:80/home.html

Request

headers
URL:amazon.com
PORT: 80
PATH: /home
METHOD: GET
body
data

Response

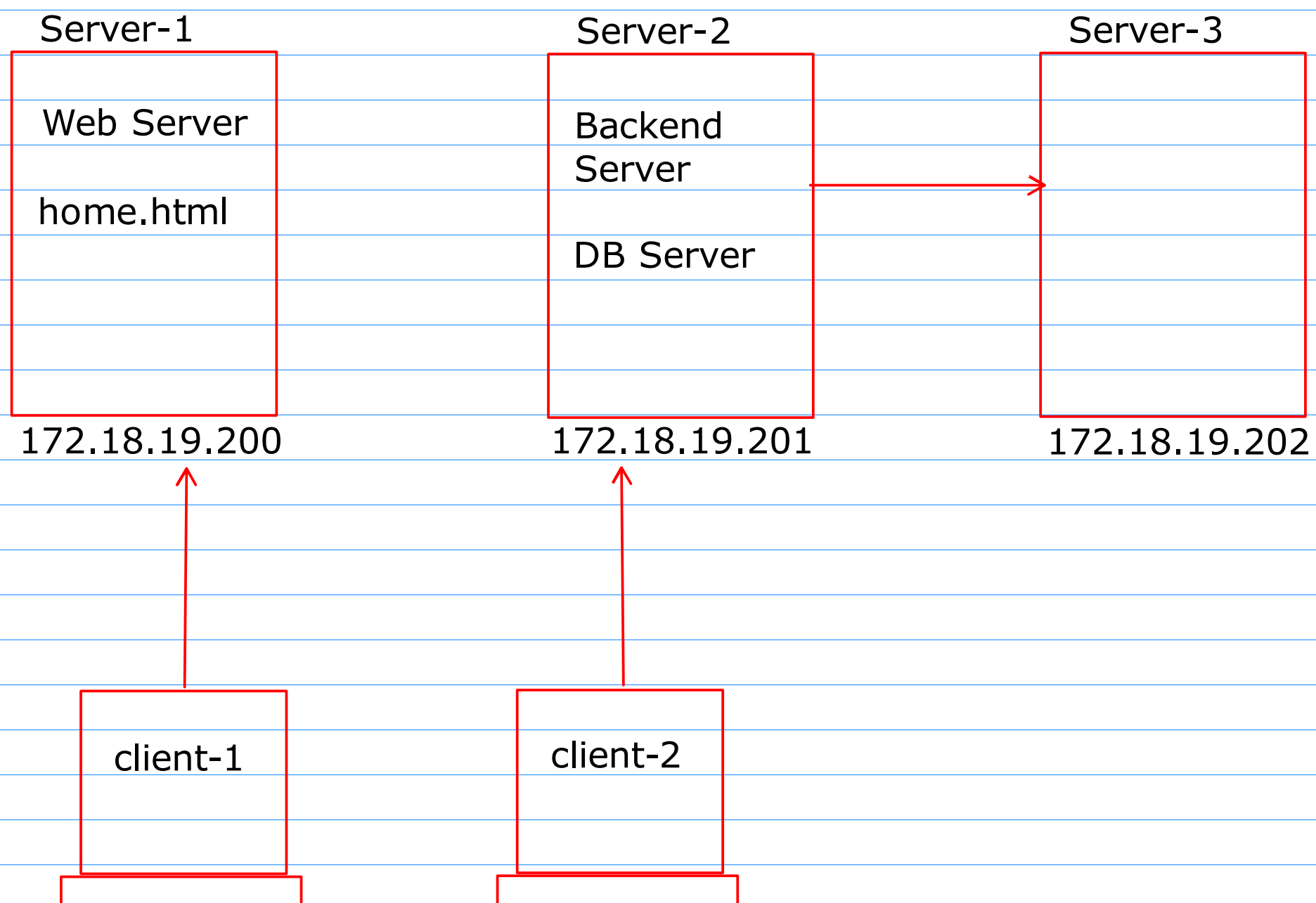
headers
content-length
content-type
status-code
body
home.html

HTTP Methods

- 1. GET -> Get the data from the server
- 2. POST -> Send the data to the server
- 3. PUT -> update the data on the server
- 4. DELETE -> delete the data from the server

Status-code

- 1XX - Information
- 2XX - Success
- 3XX - Redirection
- 4XX - Client Errors
- 5XX - Server Error



HTML

Tags / Elements

1. Opening Tag
2. Closing Tag
3. Empty Tag
4. Root Tag

<p> -> Paragraph Tag

</p>

 , <hr>

<html>

<p></p>

<hr>

<p>This is a para</p>

</html>

