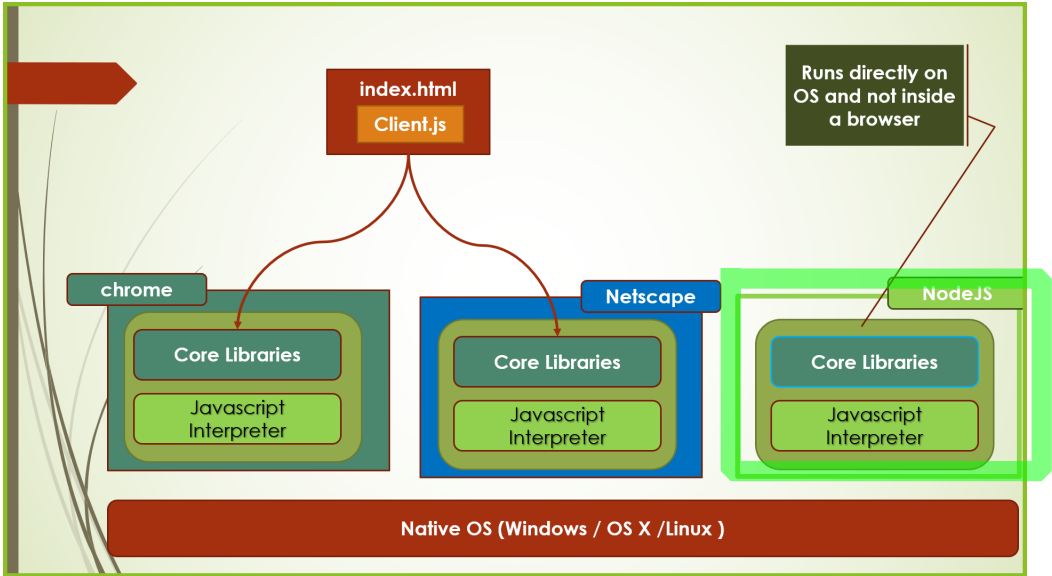


Javascript End to End

Wednesday, March 9, 2022 4:48 PM

Isn't Java a client side scripting language?

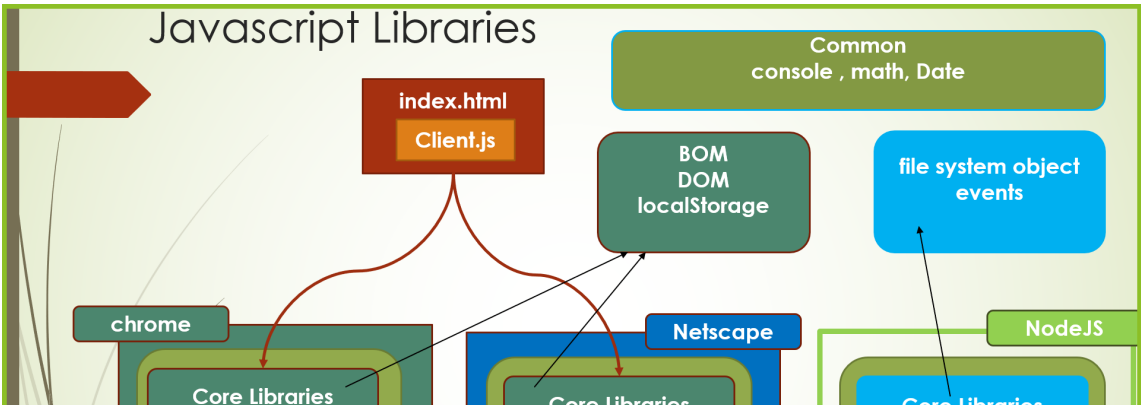
- NO
- It is a programming language
- It can run wherever a JavaScript runtime is available



- A Javascript r
- Can run Javas
- Created by G
- Has same jav
 - o V8 Engi

Difference between browser based application and non-browser based application

Feature	Browser Based Application	Non Browser Based Application
1. Basic Language Feature <ul style="list-style-type: none">• Loop• Arrays• Objects	YES	YES
2. Common basic libraries like <ul style="list-style-type: none">• Math• Date• Console	YES	YES
3. DOM/BOM	YES	N/A <ul style="list-style-type: none">• We don't have a browser here. NO need of BOM• We are not displaying HTML. NO need of DOM
4. Local file system access	<ul style="list-style-type: none">• Not Allowed• Security Restriction	YES





Node JS doesn't support DOM or BOM as it is not running inside a browser

```
<> demo08.html U  JS demo01.js U x  <> demo01.html M
basic-js > JS demo01.js
1  console.log('hello world');
2
3  document.write('hello world on document');

PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
D:\MyWorks\Corporate\202203-infogain-react\basic-html-css-js>node "d:\MyWorks\Corporate\202203-infogain-react\basic-html-css-js\basic-
js\demo01.js"
hello world
d:\MyWorks\Corporate\202203-infogain-react\basic-html-css-js\basic-js\demo01.js:3
document.write('hello world on document');
^
ReferenceError: document is not defined
    at Object.<anonymous> (d:\MyWorks\Corporate\202203-infogain-react\basic-html-css-js\basic-js\demo01.js:3:1)
    at Module._compile (node:internal/modules/cjs/loader:1101:14)
    at Object.Module._extensions..js (node:internal/modules/cjs/loader:1153:10)
    at Module.load (node:internal/modules/cjs/loader:981:32)
    at Function.Module._load (node:internal/modules/cjs/loader:822:12)
    at Function.executeUserEntryPoint [as runMain] (node:internal/modules/run_main:81:12)
    at node:internal/main/run_main_module:17:47

D:\MyWorks\Corporate\202203-infogain-react\basic-html-css-js>
```