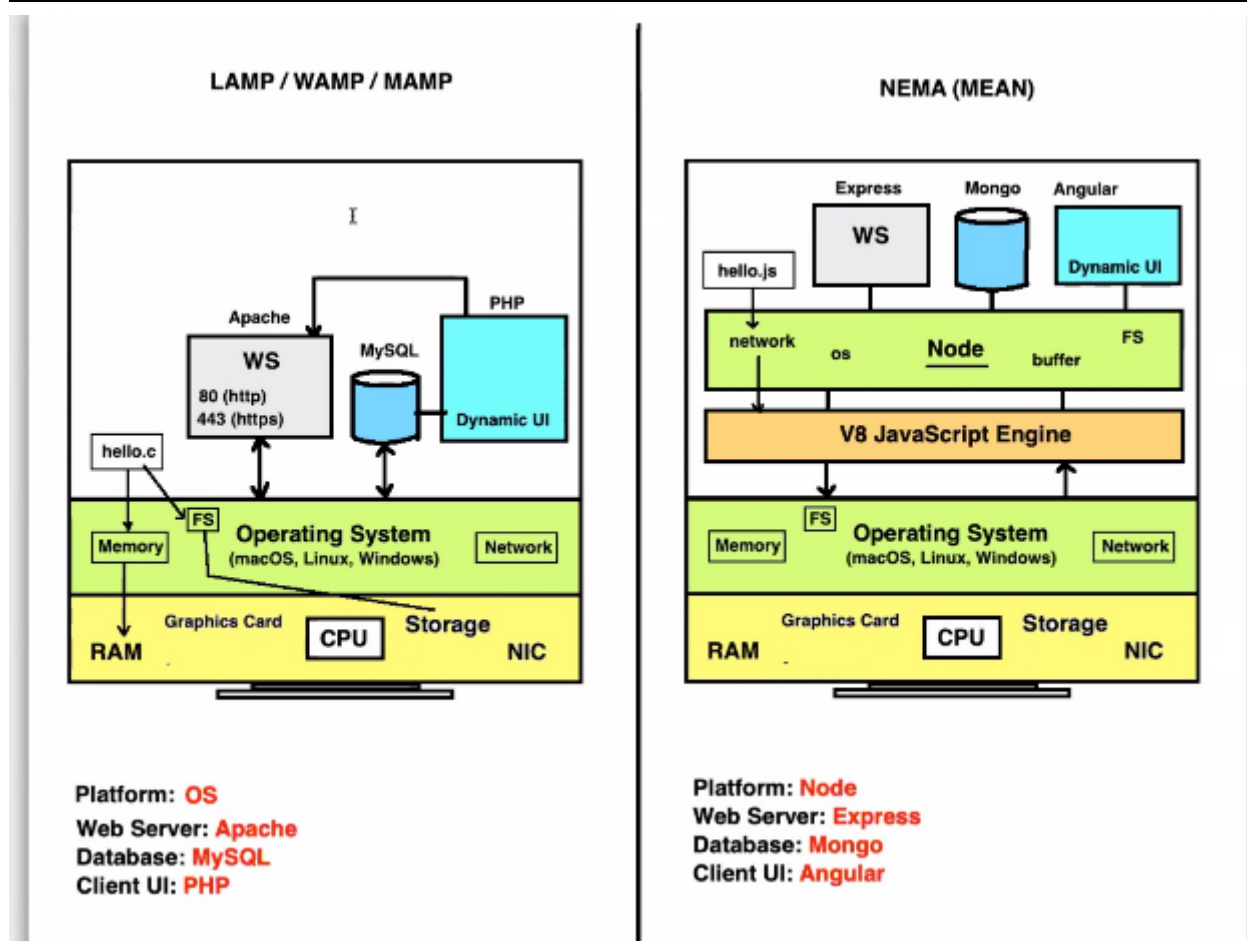


LAMP/WAMP/MAMP

- stand for
- Linux/Window/Mac
- Apache
- MySQL
- PHP
- platform : its the OS that provides the communication with hardware, in the stack
- disadvantages 1 . different languages on client and server side



new module to solve this problem

we get

MEAN

- can be solved by using Javascript on both sides
- interpreter outside the browser, taken out js engine outside of browser and made it a utility
- made a **node** over the js engine:

- a framework working on the js engine which is taken out , like V8 js engine
- so now we have network,os,buffer,file system, on node, above js engine known as a **node framework**.
- now a file

- `hello.js --> V8 js engine ---> OS`

- so now program talking to node framework,having all needed for application to work

1. so now our **platform** is **Node-Js/Node**

2. so now Our **webserver** here is **Express** outside the browser

3. for database use **Mongo,MySQL**

4. so on server side we use language called **js**

- which will build dynamic / **client side UI** for us.
- so we get **MEAN**