

12/04/24

## Node Js

M → Mongo DB (No SQL)

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E → Express Js

E → Express Js

A → Angular

R → React

N → Node Js

N → Node Js

### Node Js:

Open-source runtime environment, single threaded

Server-side, cross-platform environment.

Provides an event-driven and non-blocking I/O.

### Features:

① Asynchronous

② Event-driven

③ Very fast

④ Scalable

REPL (Read-Eval-Print-loop)

Modules: (Local, Inbuilt, Third-party module)

NPM, GLOBALS, FILE SYSTEM, CALLBACKS, EVENT, HTTP.



HTTP methods:

rest api = =

get =

post =

put = update all

patch = update only one

HTTP  $\Rightarrow$  not easily differentiate URL

(helps to connect to server)

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Callbacks:

Anonymous function to run asynchronous operations.

Events:

Events are instances of the EventEmitter class.

Additional modules:

Path module (join method)  
(track by using format method)

Cluster module (worker is shared)

NPM - Publish

OS module

{ 'platform', { 'arch' } }

fork  $\rightarrow$  to access the child to communicate with parent