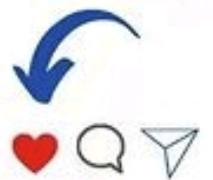# NODE.js
Interview
Questions

What is Node JS?

- Node.js is an open source server environment
- Node.js is a platform built on Chrome's JavaScript runtime for easily building fast and scalable network applications
- It is a single threaded, non-blocking and event driven.

When to Use Node.js?

- Considering the main features of Node.js and its strengths, we can say data-driven, I/O-driven, event-driven, and non-blocking applications benefit the best from a Node.js implementation
- It can be used to create:
    - Web servers
    - Real Time applications(chat applications, streaming , online games)
    - Command line applications
    - Creating APIs

As you just said Nodejs is a single threaded then how nodejs is fast?

- Node js used an event loop that handles the asynchronous task.
- The event loop makes our program nonblocking.
- We can handle multiple request at a time in parallel - that's the reason node js fast.

Is it possible to access DOM in node js?

- No

What is express js?

- Express is a node js web application framework that provides broad features for building web and mobile applications
- It's a layer built on the top of the Node js that helps manage servers and routes

What is Package.json file?

- The package. json file is the heart of any Node project
- In package.json file we keep all the details of the projects that hold various metadata relevant to the project like version, description, dependencies, run scripts, license and all npm packages.
- Without this package, your project will not work

What is Event Loop?

- The event loop makes the code async.
- Behind the scene when our code run asynchronously then there are containers that are
  - call-stack,
  - call-back queque,
  - web API and
  - micro task queue.
- The purpose of event loop is to execute the async task as per priority

@ehmadshayan

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