Node js

Nodejs is an open-source and cross-platform run-time environment built on chrome’s v8 JavaScript engine for executing JavaScript code outside of a browser.

It provides an event-driven, non-blocking (asynchronous) I/O and cross-platform runtime environment for building highly scalable server-side applications using JavaScript.

Nodejs is a cross-platform runtime environment and library for running JavaScript applications outside the browser. It is used for creating server-side and networking web applications. It is open source and free to use.

Different parts of nodejs

Debugger

modules

Buffer

console

Streaming

crypto

callback

Add-ons

cluster

Error handling

Net

Domain

DNS

Global

Node.js

Feature of nodejs

1. Extremely fast
2. I/O is asynchronous and event driven
3. Single threaded
4. Highly scalable
5. No buffering
6. Open source
7. License

Nodejs REPL

The term REPL stands for **Read Eval Print** and **loop.**

**Read** user’s input; parse the input into javascript data-structure and stores in memory.

**Eval** takes and evaluates the data structure.

**Print** the result

**Loop** the above command until press ctrl-c twice.