**Server-Side JavaScript (with Node.JS)**

* Node.js basically is a server-side JavaScript that is built on Google V8 JavaScript engine. Developed in year 2009 by Ryan Dahl, this programming language is an open source that is very fast compared to other server-side programming languages that is written in the C programming language.
* JavaScript with Node.js with the server-side language PHP.Node.js, uses a powerful tool to run JavaScript applications frameworks, servers of HTML 5, and messaging middleware.
* Node.js runs on server-side applications that builds real-time Web APIs. Though Node.js is not a framework, it is a highly modified server engine with libraries like HTTP, SSL, compression, filesystem and many more connectors that builds a simple yet dynamic web server of JavaScript.
* Node.js was sponsored by a software company called Joynet that specializes in high implementation of the infrastructure which can be run on multiple platforms like Windows, Mac OS X, Linux, and many more.

**Running JavaScript on a Server**

* JavaScript that runs on a server uses a virtual machine or a JavaScript engine code for hosting with the v8 environment.
* Node.js runtime system builds a network with other event-based application servers

**Reference:**

<https://opensourceforu.com/2016/01/an-introduction-to-node-js-the-server-side-javascript/>

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