



Hands On Workshop

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Flex®

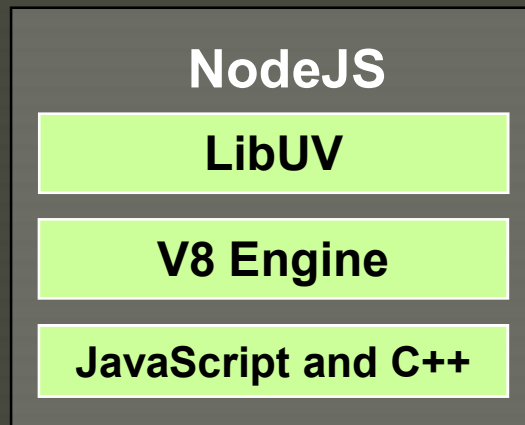
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What is NodeJS ?



It is a server-side JavaScript platform
Helps develop scalable network
applications.

Its fast because its mostly C/C++

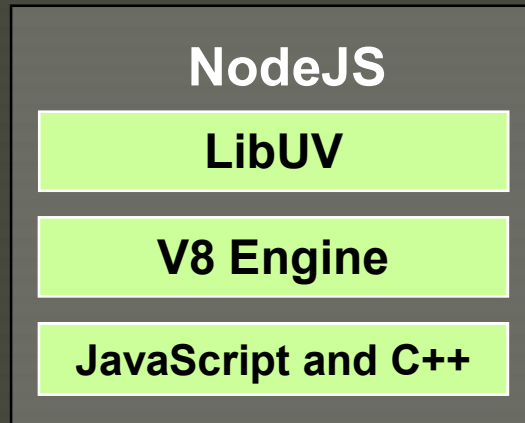


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Was adapted in windows version of NodeJS to replace UNIX libraries

Google's JavaScript processing engine

Most of builtin modules are developed using JavaScript or C++

How node works ?



V8 is an open source program written by Google. V8 is used inside chrome to understand JavaScript sent from a web server to your browser.

V8 is usually referred as a JavaScript engine
Because it takes JavaScript as input and
converts it to machine code using ECMA
standard

It supports AI-32, X86-64, ARM, MIPS etc.,



Who ?



Created by Ryan Dhal in the year 2009

He first spoke about it in JS Conf

Since then the growing community of
NodeJS users have been contributing
modules

Where can I use it ?



Real time data app that requires frequent updates

Fast file upload

Ads Server application

Multiplayer Games

Web Socket Applications (chat / meeting)

NodeJS is not



A web framework

Multi threaded (its a single threaded server)

For everyone

For every project

Lets the Fun begin



No Window

No Document

No Location

Global

Require

Module

Process

Lets the Fun begin



REPL : Read Evaluate Print Loop
variables

Blocking v/s Non Blocking

Fetch data

Display content

Continue

Blocking Code

Fetch data

Let me know when it comes

continue

Non Blocking Code



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