

INTRODUCTION TO NODEJS

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NODEJS

IT'S ALL JAVASCRIPT

It was built
using
Chrome's V8
codebase
(C++)



NODEJS CREATOR

Ryan Dahl

2009

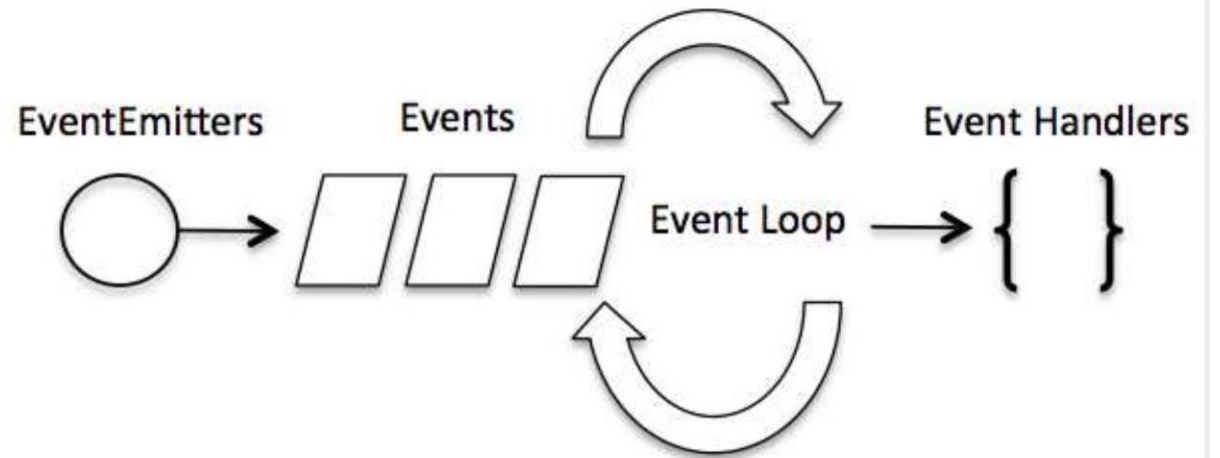


NODEJS

EVENT DRIVEN PARADIGM

Event-driven

Non-blocking model of
programming



NODEJS FUNDAMENTALS

The core principal behind Node is that it must never block.

High concurrency
with minimal
resource use

NODEJS PRINCIPALS

Events

Many, if not all, of Node's modules or extension emit events (EventEmitter)

NODEJS CORE OBJECTS

Mostly
Javascript
and...

Buffer ← Efficient data stores
Streams
Networking (http/s, sockets)

NODEJS QUICK TEST

```
// index.js  
console.log("Hi");
```

```
// shell (MS-DOS, Powershell, BASH, etc..  
node index.js
```


NODEJS COMMON SENSE

semicolons // Always use them

camelCase // Use it consistently

comma-first // See the example (next page)

indentation // Make sure the team adheres to your standards

NODEJS MODULARITY

Modules are defined and organized with the package.json

This allows you to build large systems out of many, smaller pieces