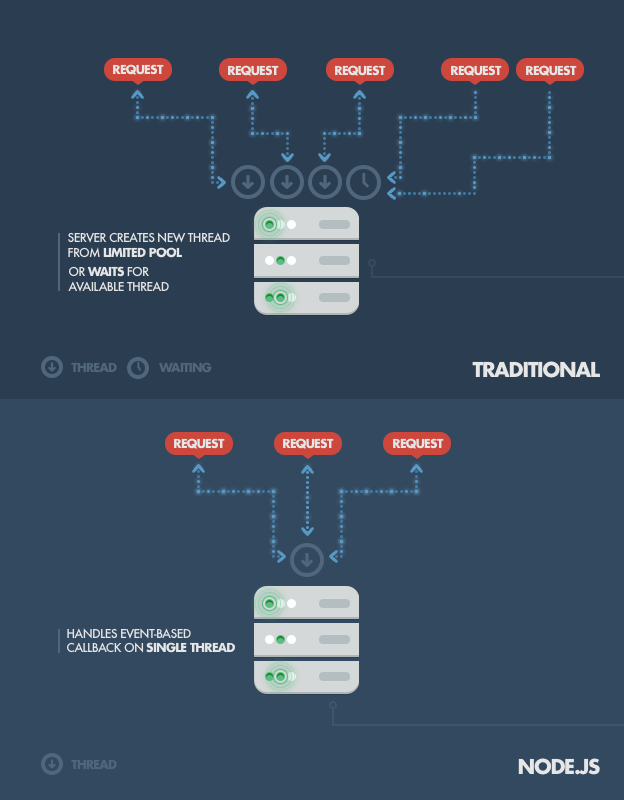
Node.js and how it works



Node is event driven and was introduced to build highly scalable, real time network programs.

Who is using node.js

How are they using

Where we can use it

Summary

Node.js is gaining popularity in big enterprise companies such as [eBay](http://www.ebaytechblog.com/2011/11/30/announcing-ql-io/#.UymGFah_tHW), [WalMart](http://www.nearform.com/nodecrunch/node-js-becoming-go-technology-enterprise#.UymGoKh_tHX) , Linkedin, Dailymail, and more.

Each use for different purpose for example eBay used it to build REST API whereas Linkedin have built a hybrid mobile application.

Node.js is very light weight and easily customisable by excluded any modules that you don’t need as [eBay](http://www.ebaytechblog.com/2013/05/17/how-we-built-ebays-first-node-js-application/#.Uyl0nah_tHU) have done.

The denominator behind their main reasoning was that they wanted reail-time and highly scalable apps without the need to boost RAM or CPUs.

Pro

* Fast reliable apps both mobile and web
* Can be used hybrid with native mobile application
* Very good for message queues with either RabbitMQ/ZeroMQ
* Node.js + nginx – magic happens
* Monitoring server performance i.e. dashboards
* NPM

Cons

* Not good with relational databases
* Not good with CPU intensive operations
* End-to-end is limited to application such as online chats