

Node.Js

Why?

- Allow create backend with javascript (only need to learn one language)
- Fast running
- Uber, netflix, ebay, twitter ...all use node.js

node.js allow us to interact directly with computer hardware, so now we could make “desktop application”. So javascript could now not only be a web application but also a application that work on computer (desktop).

Node.js allow the hard part run on the server instead of client .

Nodes functions and bundles:

<https://nodejs.org/api/>

p.s. var is variable, const is constant (unchangeable)

Npm (node package manager,) : <https://www.npmjs.com/>

NPM are reusable code tha tallow you to incorporate it to your own project.

Type "npm init" in termal within the target folder.

Express.js => node.js

A framework add extra feature to organize your code for web application. Organize your code.

nodes.js is a bord scope, allow direct interaction with computer. Ex: ATOM

But “Express” is very specific !

Express allow you to write less repetitive codes, and allow you to do things faster (very specific to web developer)

<http://expressjs.com/en/starter/installing.html>

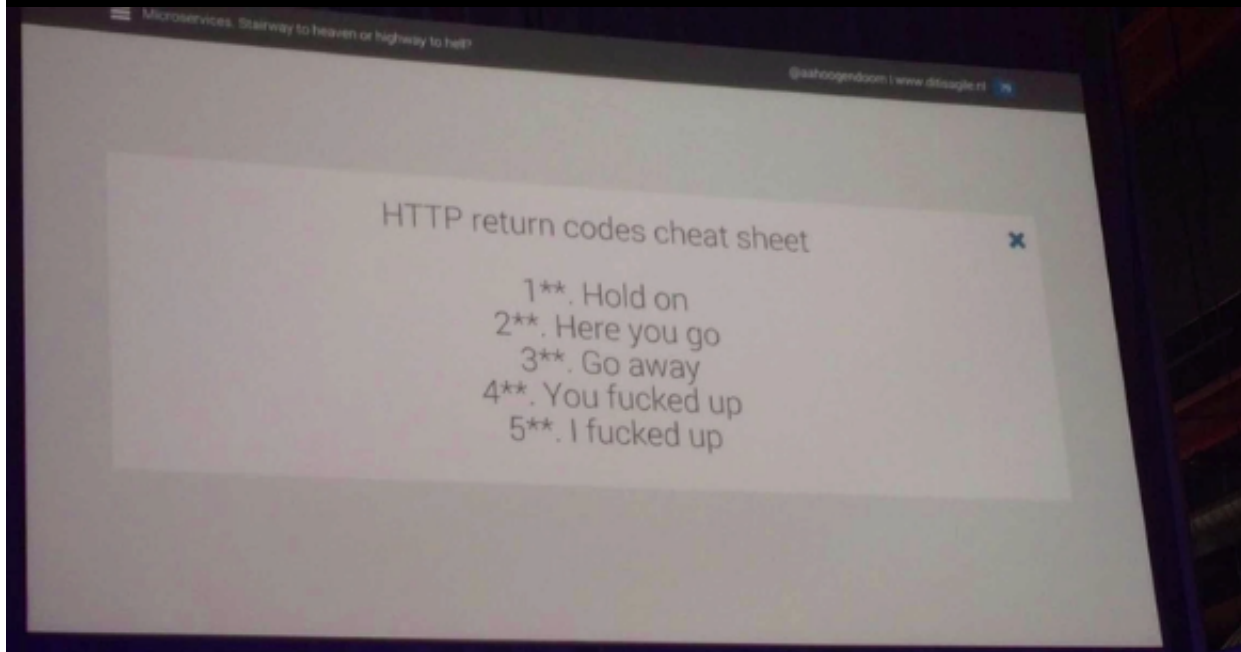


Nodemon: a utility that monitor your source an =d automatically restart your server when detected the changed.

After installing:

You type: nodemon "filename" to use it.

```
Applede-MacBook-Pro:~ apple$ cd /Users/apple/Desktop/my-express-server
Applede-MacBook-Pro:my-express-server apple$ nodemon server.js
[nodemon] 2.0.4
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,json
[nodemon] starting `node server.js`
server started on port 3000
```



https://en.wikipedia.org/wiki/List_of_HTTP_status_codes

更多對get post 的解釋：<https://blog.toright.com/posts/1203/%E6%B7%BA%E8%AB%87-http-method%E7%BC%9A%E8%A1%A8%E5%96%AE%E4%B8%AD%E7%9A%84-get-%E8%88%87-post-%E6%9C%89%E4%BB%80%E9%BA%BC%E5%B7%AE%E5%88%A5%E7%BC%9F.html>

<https://fred-zone.blogspot.com/2012/02/nodejs-express-getpost-request.html>

To receive the formatted data, you need to install : Body parser (npm install body-parser)