**NODE JS**

Node.js is an open-source run-time environment for creating server-side applications using Javascript. It runs single-threaded, non-blocking and asynchronous programming.

<!--- video here ---!>

(code snippets)

1. NPM
   1. Node js Package Manager
   2. Used to install node programs/ modules
   3. Easy to specify and link dependencies
   4. Modules get installed into the **node\_modules** folder

**npm install express** – express module will be installed in the node\_modules folder

**npm intall –g express** – express module will be installed globally, in your system so you can access it not only in that location/ directory

Popular Modules

1. Express – Web development framework
2. Connect – Extensible HTTP server framework, the baseline for express
3. Socket.io – Server-side component for websockets
4. Pug – Template engine inspired by HAML
5. Mongo/ Mongoose – Wrappers to interact with MongoDB

package.json File [ npm init ]

* Goes in the root of your package/ application
* Tells npm how your package is structured and what to do to install it
* It holds things like the name of your application. version, main (entry point to the app, file), author, license, dependencies