-Introduction of Nodejs – Building simple api server using Express-js

+ Introduction about nodejs

Non-blocking I/O (input/output take time thus block other functions), async

Nodejs in front-end : angular , react, vue

Nodejs in back-end: express, sail.js, hapi, Koa

Nodejs in offline application: electronjs

+ Building simple api server using Express-js MongoDB:

Api?

Express: middleware, route,

MongoDB:

Resources:

Github,

How nodejs work ?

<https://www.youtube.com/watch?v=jOupHNvDIq8&list=PLTjRvDozrdlydy3uUBWZlLUTNpJSGGCEm&index=3>

about package.json:

<https://nodesource.com/blog/the-basics-of-package-json-in-node-js-and-npm/>

about ^ and ~ in version <https://stackoverflow.com/questions/22343224/whats-the-difference-between-tilde-and-caret-in-package-json>

<https://medium.com/coinmonks/everything-you-wanted-to-know-about-package-lock-json-b81911aa8ab8>

What is nodejs?

Gioi thieu ve docs

Node API

<https://nodejs.org/dist/latest-v10.x/docs/api/>

+demo khoi tao du an nodejs:

package-json

package-lock.json

+ definition:

“”an asynchronous event driven JavaScript runtime.

+ Asynchronous or non-blocking in nodejs?

Demo create new project

*See the example code demo*

+ file system

*demo read write file*

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+ demo express server + deploy in heroku

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