Node Program

Introduction



Node.js version: 5.1

Last updated: Jan 2016

Before We Start...

You'll need:

- Node.js and npm
- Code editor
- Command line
- Internet connection
- Slides & sample code

Slides and Everything Else

https://github.com/azat-co/node-react

git clone gitagithub.com:azat-co/node-react.git

Installing Node.js

- http://nodejs.org
- \$ brew install node
- Node in 30s

You may also want/need a local data store!

- MongoDB
- MySQL
- Postgresql

Introductions



Instructor: Azat Mardan

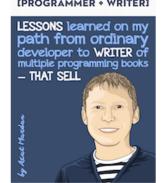
- Work: Capital One, Storify, FDIC, NIH, DocuSign
- Books: ReactQuickly, Full Stack JavaScript, Practical Node.js, Pro Express.js, Mongoose Course

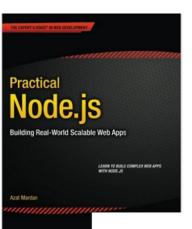


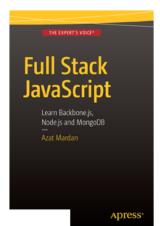




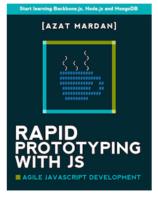




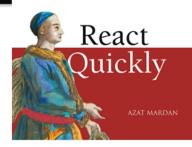






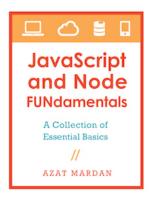


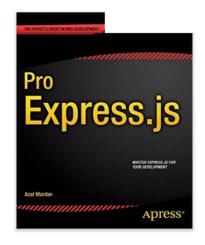


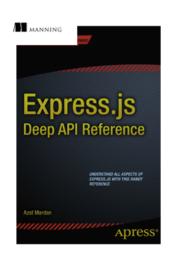












Introduce Yourself

- 1. What is your tech background/language?
- 2. What is your project?
- 3. How do you plan to use Node.js?

Outcome

- Build server-side web applications with the Node.js platform utilizing the JavaScript language
- Use Node.js framework Express.js
- Use NoSQL database MongoDB
- Get familiar with Meteor
- Grasp React and Isomorphic JavaScript

HipChat Room

https://www.hipchat.com/gl1lG5c2q

Node Program

Effective Learning

50% workshops +

50% lectures +

50% Q&A/office hours

(yes, we deliver 150%!)

workshops = coding + collaboration + pair programming + solo programming + discussions + reading + solving problems (b) if stuck)

Interweaving

Spaced Repetition

Node.js Day:

• 9-11:00: Lectures: Intro, setup and Node.js Basics

• 11:00-12:00: Workshop

• 12:00-1:00: Lunch

Node.js Day:

- 1:00-2:00 Lectures: MongoDB, Express
- 2:00-3:00: Workshop
- 3:00-3:15 Break
- 3:15-4 Lectures: Meteor
- 4-5 Workshop

React Day:

• 9-11: Lectures

• 11-12: Workshop

• 12-1: Lunch

React Day:

- 1-2: Lectures
- 2-3: Workshop
- 3-5: Office hours and individual tracks

Individual Tracks

- 1. Deployment
- 2. Single-page Application
- 3. REST API
- 4. Your own project/idea

Questions and Exercises

Write them down and ask at the end of the lesson: you'll have 5 open frames to ask questions. Use them fully!



No workshop for this lesson.