

Node Program Introduction



Node.js version: 7.1
Last updated: Nov 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 git@github.com:azat-co/node-react.git

Installing Node.js

- >> nvm or similar: <https://github.com/creationix/nvm>
(recommended)
- >> <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: Tech Fellow at Capital One, Storify, FDIC, NIH, DocuSign
- >> Books: ReactQuickly, Full Stack JavaScript, Practical Node.js, Pro Express.js, Mongoose Course
- >> Masters degrees from UNVA and working on another from Harvard (Cybersecurity)

Capital One in Top 10 US Banks





Introduce Yourself

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

Outcome

- >> Benefits of Node
- >> Core modules
- >> Build server-side web applications with the Node.js platform utilizing the JavaScript language
- >> Use Node.js framework Express.js
- >> Use NoSQL database MongoDB

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 (👉 if stuck)

Interweaving

Spaced Repetition

Agenda

Node.js Day:

- >> 9-11:00: Lectures: Intro, setup and Node.js Basics
- >> 11:00-12:00: Workshop
- >> 12:00-1:00: Lunch

Agenda

Node.js Day:

- >> 1:00–2:00 Lectures: MongoDB
- >> 2:00–3:00: Workshop
- >> 3:00–3:15 Break
- >> 3:15–4 Lectures: Express
- >> 4–5 Workshop

Agenda

2nd Day:

>> Express

>> MongoDB

>> Q&A

Questions and Exercises

Write them down and ask at the end of the lesson.

Specific questions – ask during labs.

No workshop for this lesson. 😊