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

» 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
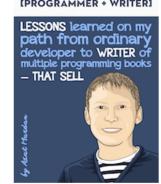
» Work: Capital One, Storify, FDIC, NIH, DocuSign

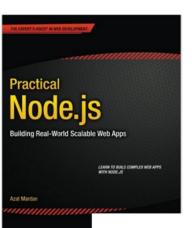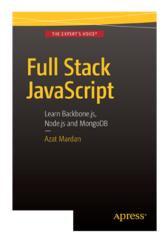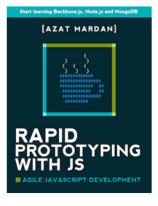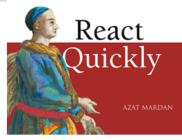» Books: ReactQuickly, Full Stack JavaScript, Practical Node.js, Pro Express.js, Mongoose Course

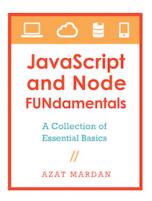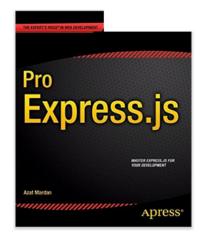# Introduce Yourself

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/gI1lG5c2q

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 (✋ 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

React Day:

» 9-11: Lectures: React Foundation

» 11-12: Workshop: Timer

» 12-1: Lunch

Agenda

React Day:

» 1-2: Lectures: React Stack with Redux and React Router

» 2-3: Workshop: Message Board

» 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. 😁