



How to create a Trello.com Clone web app using Node.js

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Weekly Wednesday @ 12:00pm EST

Session 2:

Intro into the used technologies (MEAN stack)

September 27, 2017

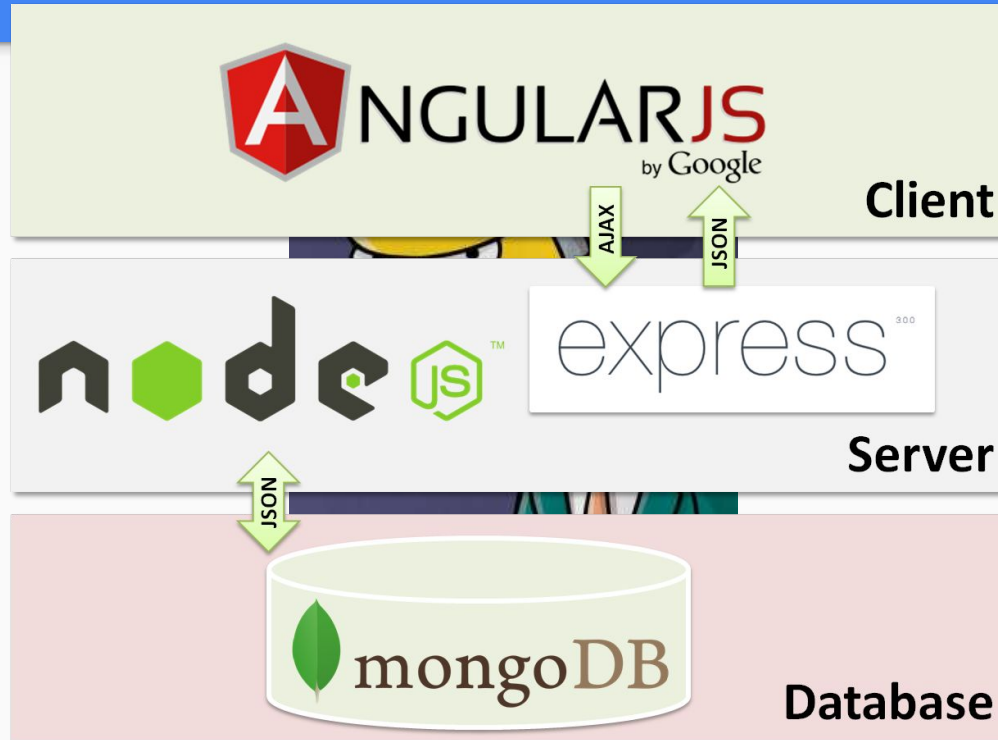


Today's topics

- Node.js and NPM
- Angular (Frontend)
- Express (Backend)
- MongoDB

The MEAN stack

What is the MEAN stack



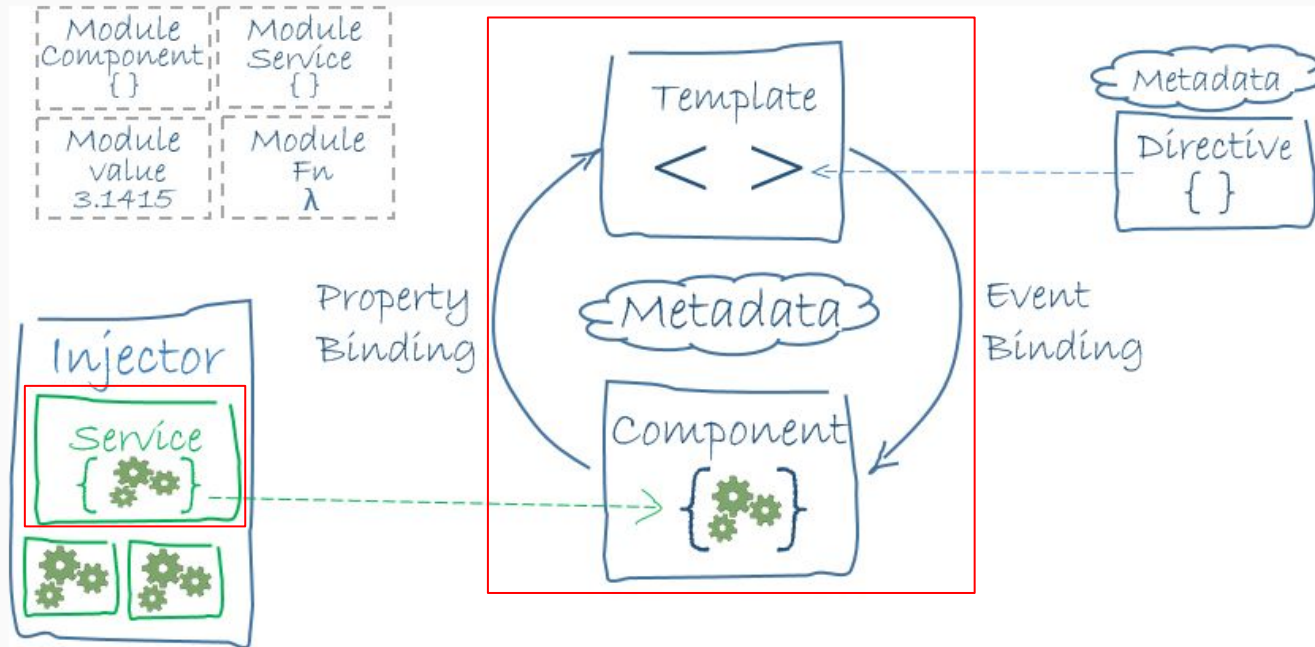
Node.js

Node.js Basics

- Node.js is an open-source, cross-platform JavaScript run-time environment
- Single thread, non blocking I/O, Event Loop
- Powered by V8 engine
 - Compiles JavaScript to native code
- Packagemanager (NPM or Yarn)

Angular

Angular Basics



Express

Express Basics

- Minimalistic web framework
 - High performance
 - Good support for routing
 - Versatile through middleware
- Makes building backend services a lot easier

MongoDB

MongoDB Basics

- Open-source, cross-platform, document-oriented database
- JSON documents
- Plays well with JavaScript
- Supports replication
- Scales horizontally

Let's try this

- Set up a new Node.js project
- Install typescript
- Do some basic stuff

Try @Home

- Setting up your own Node.js project (with or without TypeScript)
- Have a look at the Node.js documentation
- Just try some stuff

