

MEAN Stack - Todo App

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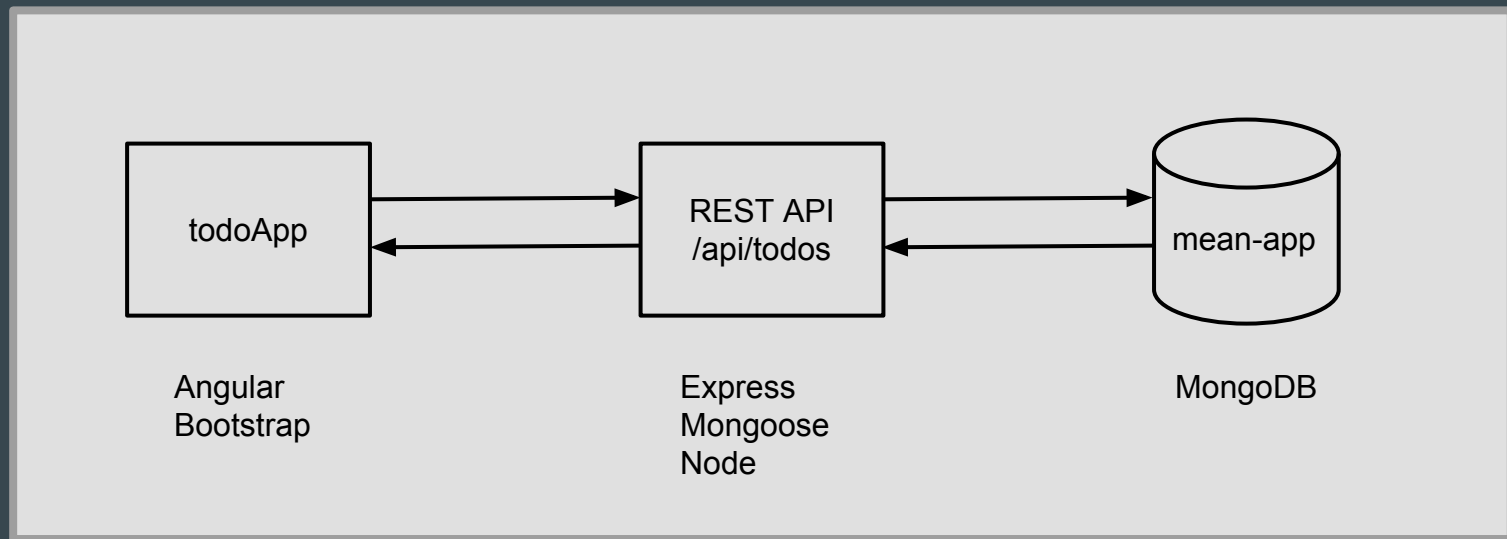
JS Meetup #6 (Saturday, Sep 24, 2016)

Todo App

Functionality and Objectives

- Create and finish a todo
- View list of todos
- Store todos in MongoDB
- Define schema and constraints using Mongoose
- Create and expose REST API using Express
- Create SPA in Angular and consume REST API
- Organize Angular and Node code into modules (maintain, reuse, test)
- Implement simple form validation in Angular

Todo App - Layers



Todo App - Server Side Details

MongoDB

- Database Name - mean-app
- Collection - todos

Node - Server.js

- Node Modules
 - Express - Web application framework
 - Mongoose - MongoDB ODM
 - Morgan - Request logger middleware
 - Body Parser - HTTP Request body parsing middleware

REST API

HTTP Verb	URL	Action
GET	/api/todos	Get all todos
POST	/api/todos	Create new todo
DELETE	/api/todos/:todoid	Delete a todo

Todo App - Client Side Details

- Index.html (Shell Page / View / Template)
- Module - todoApp (todoAppCore.js)
 - Controller - MainController (mainController.js)
 - Services
 - todoService (todoService.js)
 - logService (logService.js)

Q & A

Thank you!