



express

MEAN Stack

Developing "evil" JavaScript applications

nodeJS

Telerik School Academy
Learning & Development
<http://academy.telerik.com>

me  

1. MongoDB
2. NodeJS
3. ExpressJS
4. AngularJS
5. Templates & Tutorials



MongoDB



◆ MongoDB:

- ◆ NoSQL Database
- ◆ Document based
- ◆ Can be easily used with Node
- ◆ Get it from <http://www.mongodb.org/>
- ◆ Mongoose - <http://mongoosejs.com/> or NPM



NodeJS

The NodeJS logo is displayed within a dark blue rounded rectangle. The word "node" is in white lowercase letters, and "JS" is in yellow uppercase letters. A small white cloud icon is positioned between the "e" and "J".

nodeJS

◆ NodeJS

- ◆ JavaScript based server
- ◆ Asynchronous and event driven
- ◆ Easy to learn and write
- ◆ Comes with package manager (NPM)
- ◆ Get it from <http://nodejs.org/>



ExpressJS

express

◆ ExpressJS

- ◆ MV* Framework for NodeJS
- ◆ Easy routing of requests
- ◆ Modularity for the server
- ◆ Get it from <http://expressjs.com/> or NPM



AngularJS



◆ AngularJS



- ◆ MV* Framework for the client
- ◆ Contains everything but the kitchen sink
- ◆ Modularity, templates, routing, SPA, etc
- ◆ Get it from <http://angularjs.org/> or NPM

Templates & Tutorials

mean

◆ Templates

- ◆ <http://www.mean.io/>
- ◆ <http://meanjs.org/>

◆ Tutorials

- ◆ <http://scotch.io/>
- ◆ <http://www.thinkster.io/angularjs/GUIDJbplie/angularjs-tutorial-learn-to-build-modern-web-apps>
- ◆ <http://www.ibm.com/developerworks/library/wa-nodejs-polling-app/>



Questions?

1. Create a web site using MEAN. You can use one of the templates or create your own:
 - ♦ Try to use good project architecture
 - ♦ Use at least 5 routes
 - ♦ Have authentication and authorization
 - ♦ Have details page for an entity
 - ♦ Have create, update pages
 - ♦ Have admin panel with full CRUD