



Technology Series

MEAN

Full Stack

01

Presented by
Subhash EP



Subhash

me A Full Stack



Subhash

Start with Full Stack - Install

- Node.JS
 - npm
- MongoDB
 - Mongoose
 - (npm install mongoose)

Start with Full Stack - Install

- Express

- (`sudo npm install -g express`)

- (`sudo npm install -g express-generator`)

- Connect

- EJS

- What is this?

- Jade

- What is this?

EJS

- EJS cleans the HTML out of your JavaScript with client side templates.
- After EJS gets its rubber gloves on dirty code, you'll feel organized and uncluttered.



JADE

- Node Template Engine
- For writing HTML templates

JADE 

All set ...

- we are going to build a simple project management web app
- Name: meanfull

Project # 01

Creating a Express Project

- In terminal, navigate to a relevant folder, for example,
 - /MyWebsites01 in Linux, or
 - C:\Users\Your Username\Documents\My Web Sites01\ in Windows
 - (Ensure the project folder is empty)

Express...

○ \$> express -e -c meanfull

- This will create a new folder called meanfull
- Inside this folder it will create a new Express project

package.json

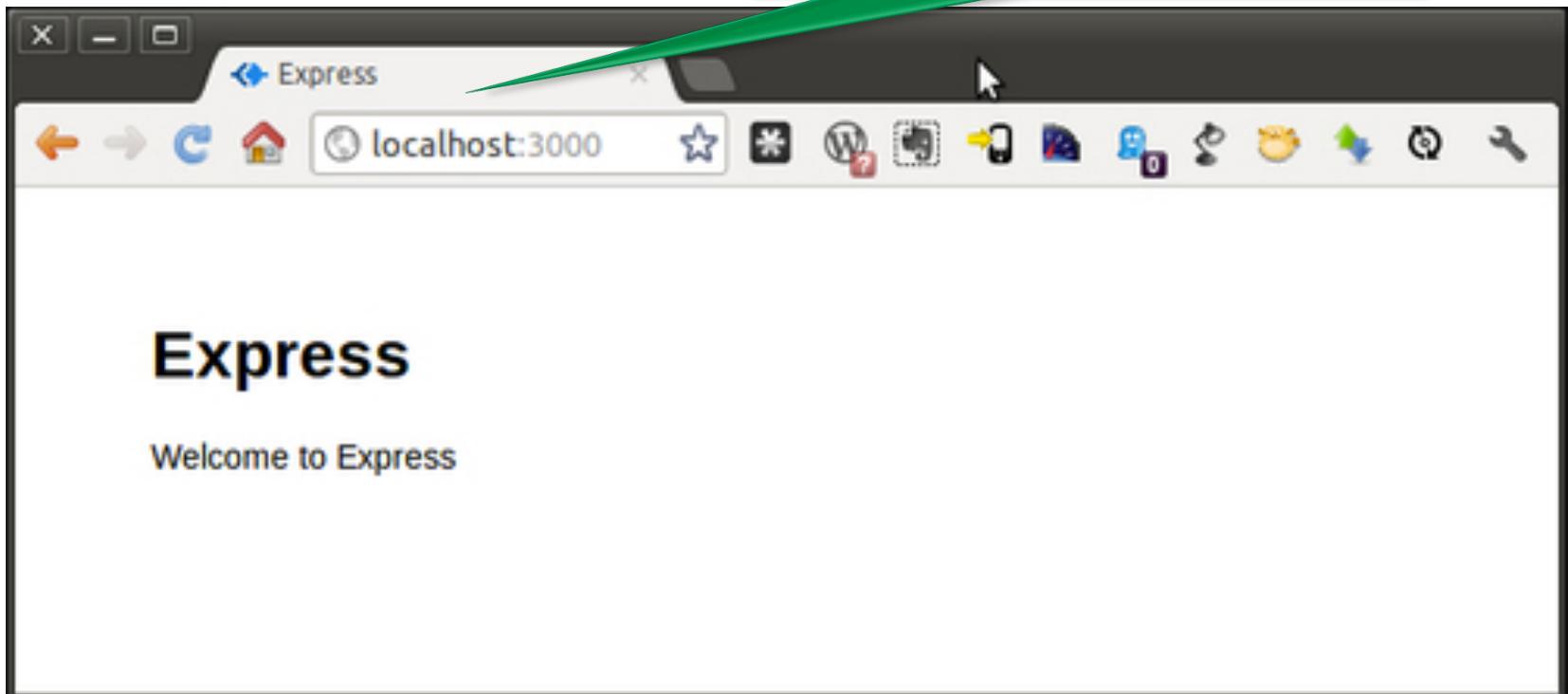
- Now install project dependencies
- npm install

Express project ready, but...

- Your Express project is ready
- We will make necessary changes
- Modify the files as instructed...

Run your Project

localhost:3000



Project # 02

Establishing a Database Connection

- We are going to look at the two methods Mongoose uses to connect to databases,
 - `mongoose.connect` and
 - `createConnection`

Connecting via Mongoose

- Code walkthrough
- ./model/db.js

Mongoose Steps

- Bring Mongoose into the project
- Build the connection string
- Create the database connection
- Define connection events

Project # 03

Using multiple connections

- The default connection is to connect to one database.
- But if you need
 - to connect to a second database at the same time?
 - Or connect to the same database as a different user with different permissions

createConnection

```
var dbURI = 'mongodb://localhost/myadmindatabase';
```

```
var adminConnection = mongoose.createConnection(dbURI);
```

That's all



End of Session

©

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