Angular First Steps

Yakov Fain
Farata Systems

About myself

- **Work for Farata Systems**
  Angular consulting, training, mentoring

- Java Champion

- **Co-authored two editions of the book:**
  "Angular Development with TypeScript"

Angular

- Component-based (not an MVC framework)

- Declarative templates

- Dependency Injection

- Router

- Integrated RxJS

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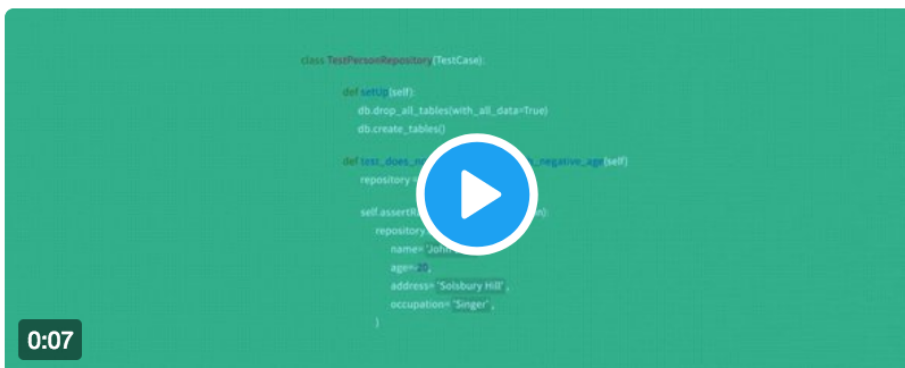twentytwowords.com

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Router Outlet

Angular CLI

Angular CLI features

- Scaffolding the project and creating a basic app

- Generating components, services, modules, etc.

- Dev web server

- Supports dev and prod builds

- Configuring test runners

Starting a new project

1. Install Angular CLI using the command window:

    npm i @angular/cli -g

2. Generate a new Angular project **hello-cli**:

    ng new hello-cli

3. cd hello-cli

4. Build the app bundles and start the app
    ng serve -o

ng generate (ng g)

- ng g m shipping

- ng g c product

- ng g c product -is -it -spec false ← Inline styles, inline templates, no tests

- ng g s product

Hands-on workshop

Pre-requisites

- Download and install the current version of Node.js from **https://nodejs.org**

- Install one of these IDEs:
  - Visual Studio Code (https://code.visualstudio.com)
  - WebStorm (https://www.jetbrains.com/webstorm).

- If you have Angular CLI older than 6.0.0, uninstall it by running the following command:
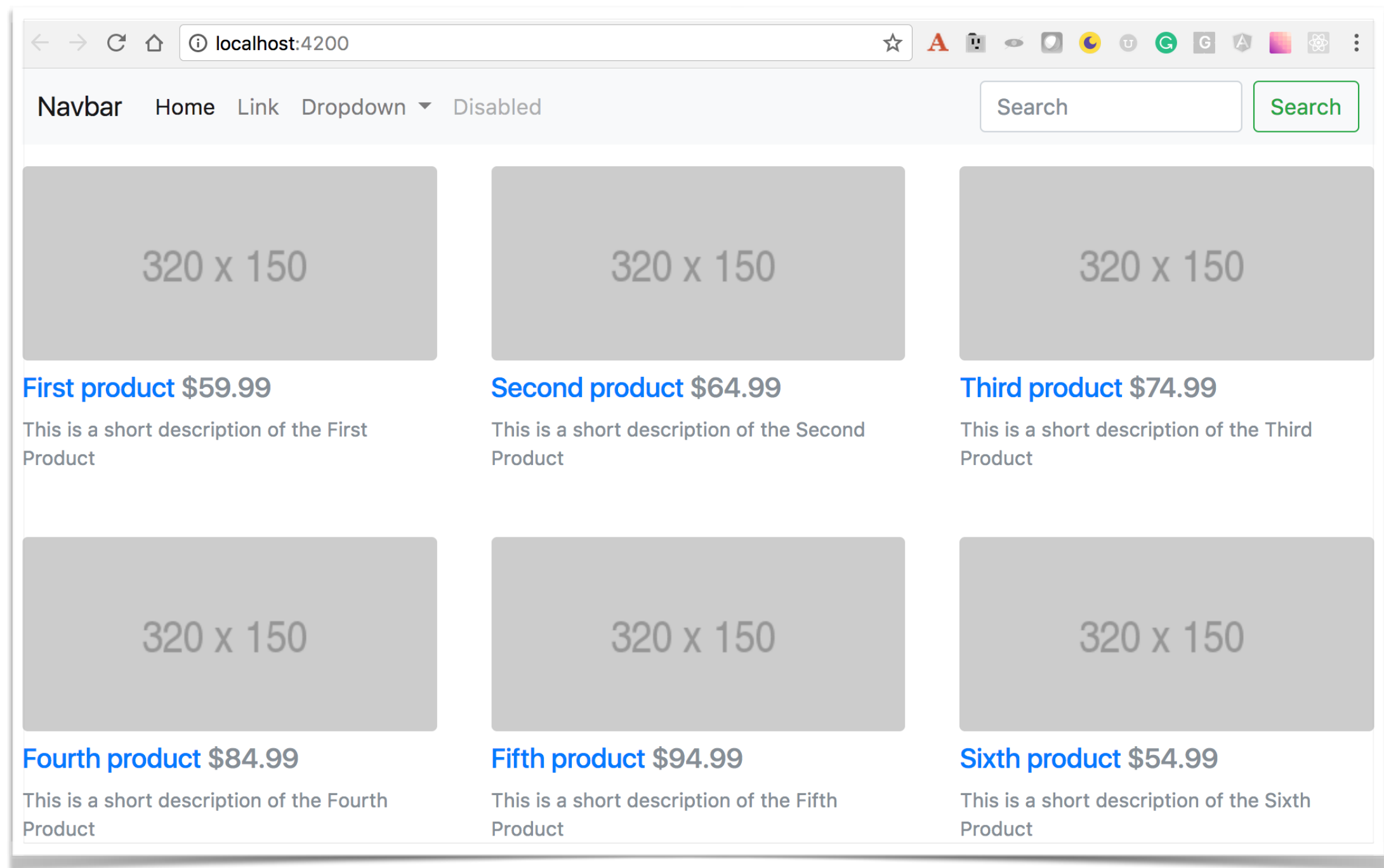
  npm uninstall @angular/cli -g

- Install the latest Angular CLI:
  npm install @angular/cli -g

- Check that you have Angular CLI 6 installed by running the following command:
  ng -v

@yfain

The landing page of myStore

- Download and unzip the workshop handouts from https://bit.ly/2siNPCP

- Open the file mystore_3hours.html

- Install the software listed in the Pre-requisites section

Contacts

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- My blog:
  yakovfain.com