

CREATING AND DEPLOYING AN ANGULAR 2 APPLICATION IN 30 MINUTES



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AGENDA

Angular 2

Angular CLI

Angular Material

Deploying an App



Angular 2



ANGULAR 2

Written in TypeScript

Is not an upgrade

No more \$scope

ANGULAR 2

Component based Programming

Semantic Versioning

```
MAJOR.MINOR.PATCH
```

```
2.2.3 -> Current Version
```

COMMON DEVELOPER PROBLEMS

DEVELOPER PROBLEMS

Scaffold application

Builds

Testing

Deployment

ANGULAR CLI

Solves those Problems!

Angular CLI



INSTALLING CLI TOOL

```
npm install -g angular-cli@latest
```

CREATE A NEW PROJECT

```
ng new my-app
```

```
cd my-app
```

CLONE AN EXISTING PROJECT

```
git clone https://github.com/luixaviles/angular-starter.git
```

```
cd angular-starter
```

RUN THE PROJECT

```
ng serve
```

```
ng serve --host 0.0.0.0 --port 4201 --live-reload-port 49153
```

RUNNING TESTS

```
ng test
```

```
ng e2e
```

CREATING A BUILD FOR PRODUCTION

```
ng build --prod
```

This will create dist/ directory

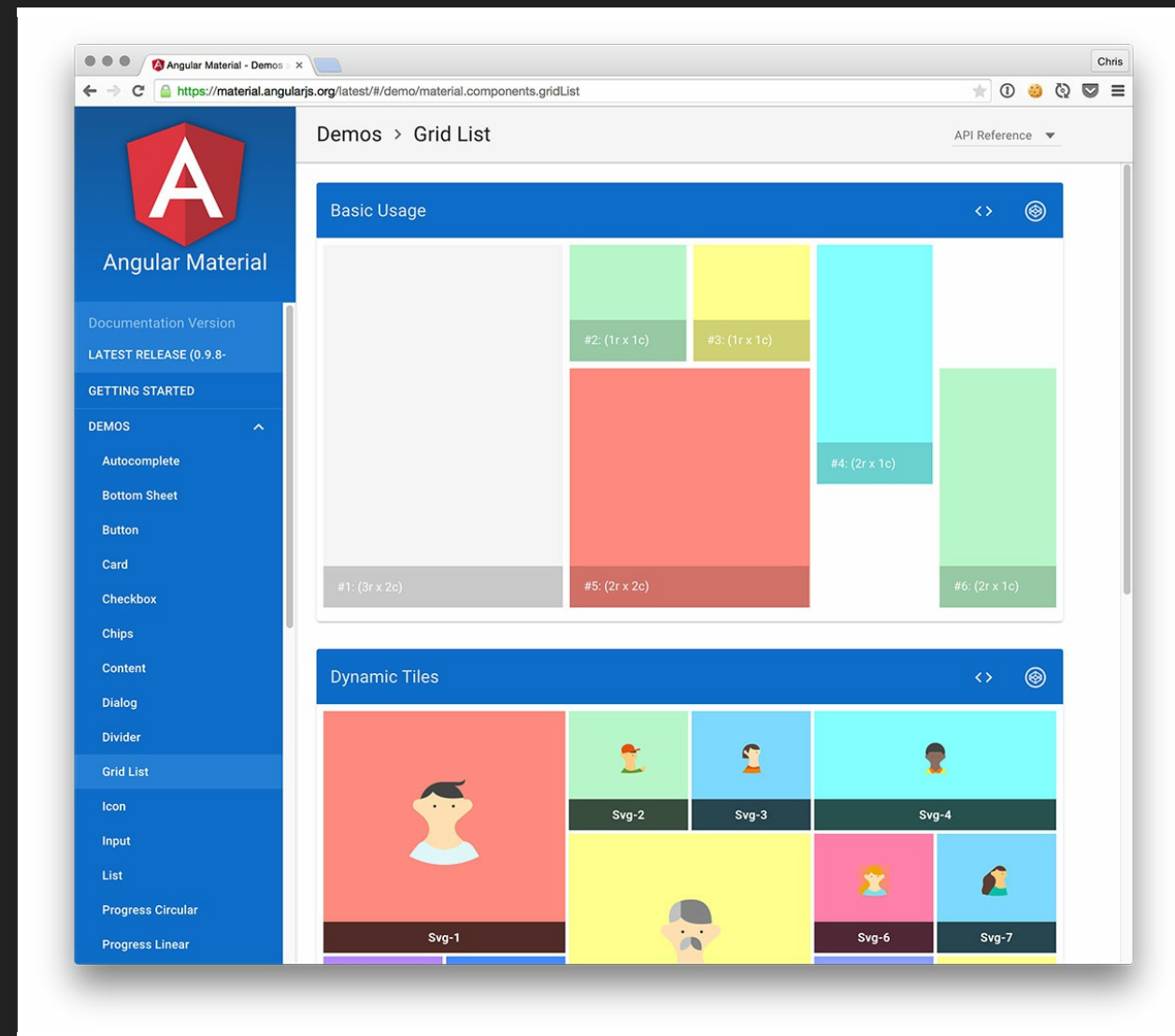
HOW CAN YOU RUN YOUR BUILD?

```
npm install -g http-server
```


```
http-server dist/
```


ANGULAR MATERIAL

Explore Angular Material



An App to allow register #DevFest speakers

 DevFest Cochabamba

Add a Speaker

First Name


Last Name

☐ Tech Talk ☒ Code Labs

Clear


Submit

Luis Aviles



View Profile

Daniel Acha



View Profile

DEPLOYING AN ANGULAR 2 APP

FIREBASE CLI

LOG INTO FIREBASE

<https://console.firebase.google.com/>

CREATE A NEW PROJECT

Create a project

×

Project name

Country/region ⓘ

United States ▼

By default, your Firebase Analytics data will enhance other Firebase features and Google products. You can control how your Firebase Analytics data is shared in your settings at anytime. [Learn more](#)

CANCEL

CREATE PROJECT

INSTALL FIREBASE-TOOLS

```
npm install -g firebase-tools
```

LOGIN & INIT

```
firebase login
```

```
firebase init
```


() Database: Deploy Firebase Realtime Database Rules

(*) Hosting: Configure and deploy Firebase Hosting sites

(*) angular-starter

? What do you want to use as your public directory? (public) dist

? Configure as a single-page app (rewrite all urls to /index.html)

<

>

? File dist/index.html already exists. Overwrite? (y/N) N

DEPLOY TO FIREBASE

```
firebase deploy
```

```
Project Console: https://console.firebase.google.com/project/angular-starter-7073d
```



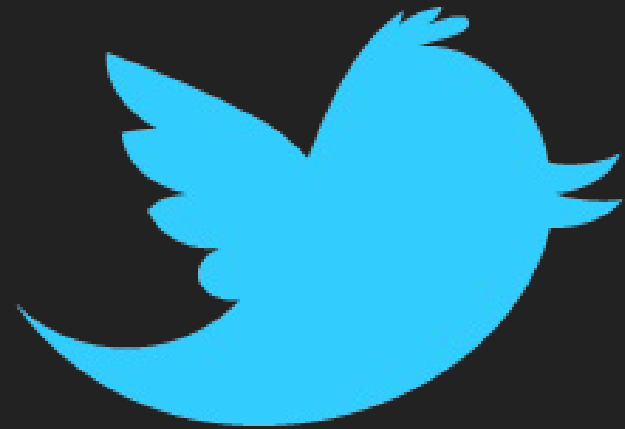
```
Hosting URL: https://angular-starter-7073d.firebaseio.com
```



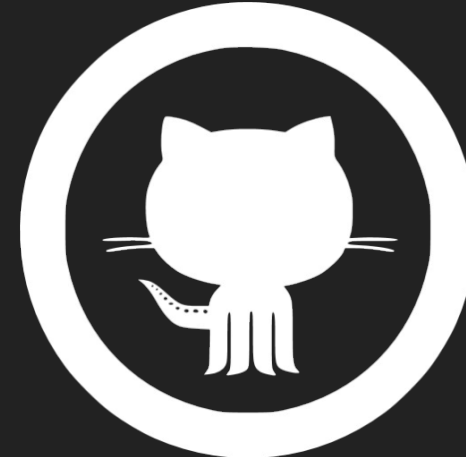
QUESTIONS?



THANK YOU!



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