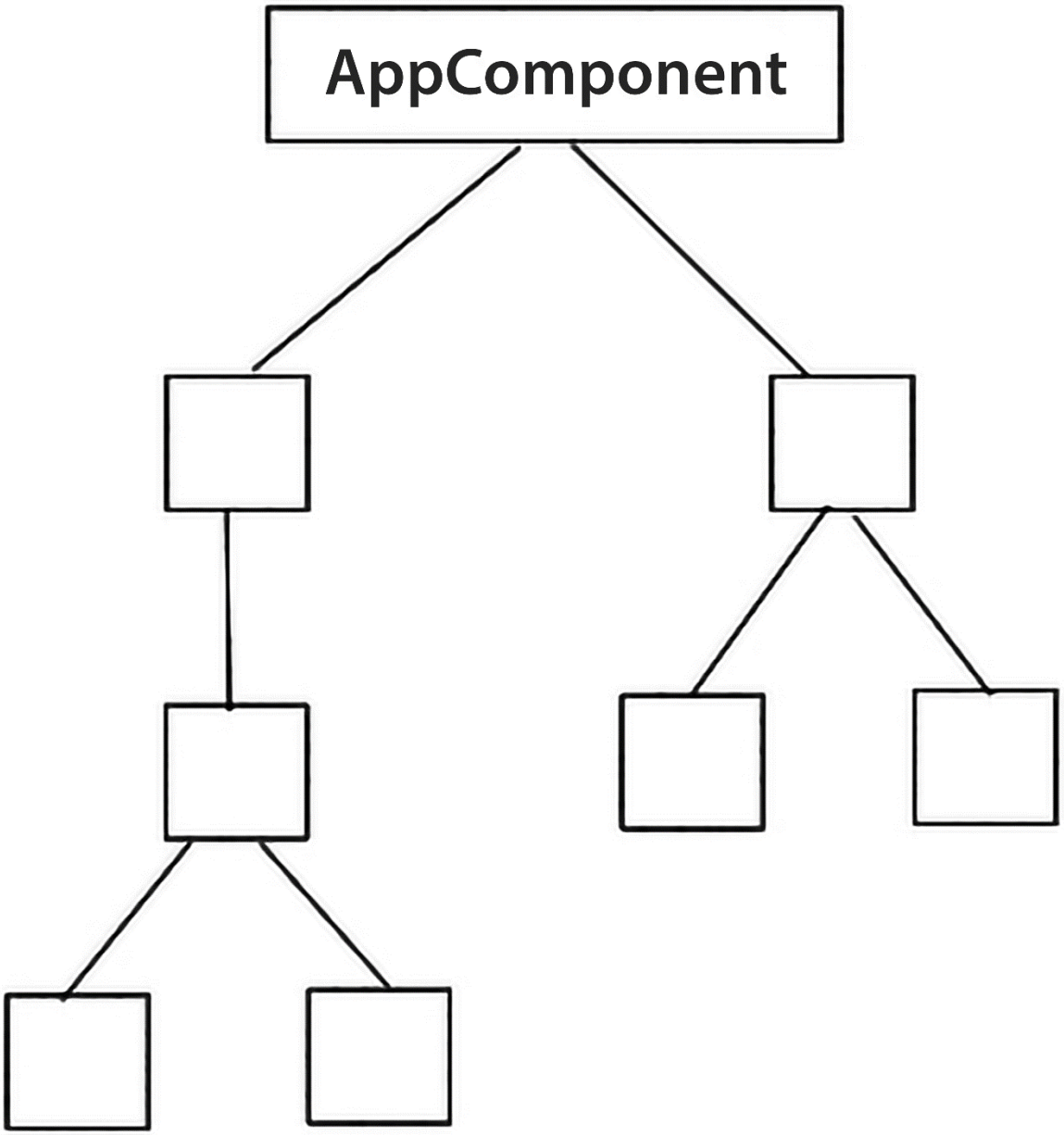
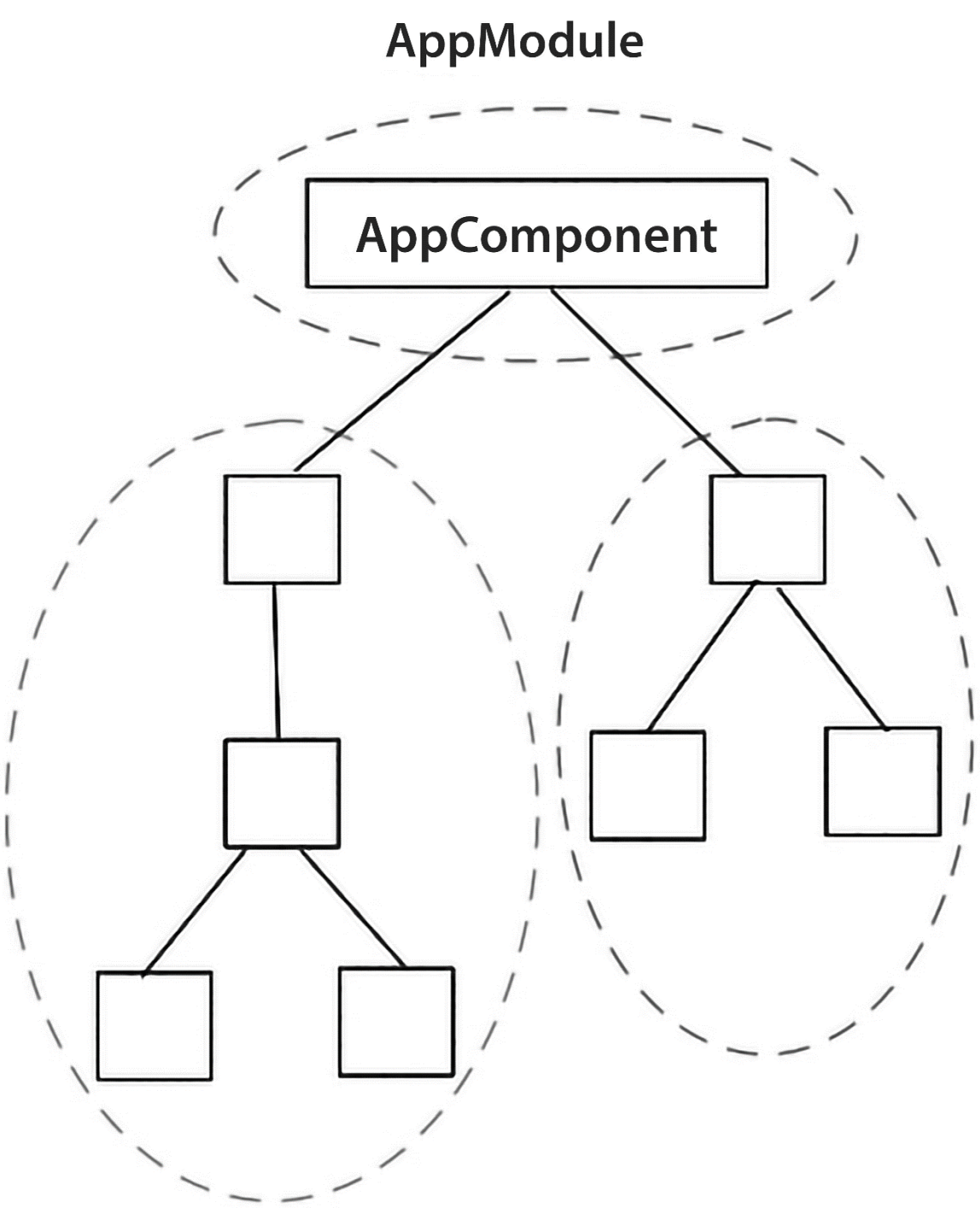
Chapter 1: Creating Your First Web Application in Angular






```
<span>{{descr}}</span>
```

description (property) AppComponent.description: stri…

```
<span>{{descr}}</span>
```

```
any
Property 'descr' does not exist on type 'AppComponent'. ngtsc(2339)
app.component.ts(1, 23): Error occurs in the template of component AppComponent.
View Problem (Alt+F8)  Quick Fix... (Ctr1+.)
```

my-component.ts 2, U

src > app > my-component.ts

```
1  a-
```

```
a-component                          Angular Component
a-component-inli…   Angular Component with Inline …
a-component-root                Angular Root Component
a-ctor-skip-self   Angular Module SkipSelf Construc…
a-directive                          Angular Directive
a-guard-can-activate          Angular CanActivate Guard
a-guard-can-activate-chi…   Angular CanActivateChil…
a-guard-can-deactivate    Angular CanDeactivate Guard
a-guard-can-load                  Angular CanLoad Guard
a-http-interceptor   Angular HttpInterceptor - Empty
a-http-interceptor-head…   Angular HttpInterceptor…
a-http-interceptor-logg…   Angular HttpInterceptor…
```

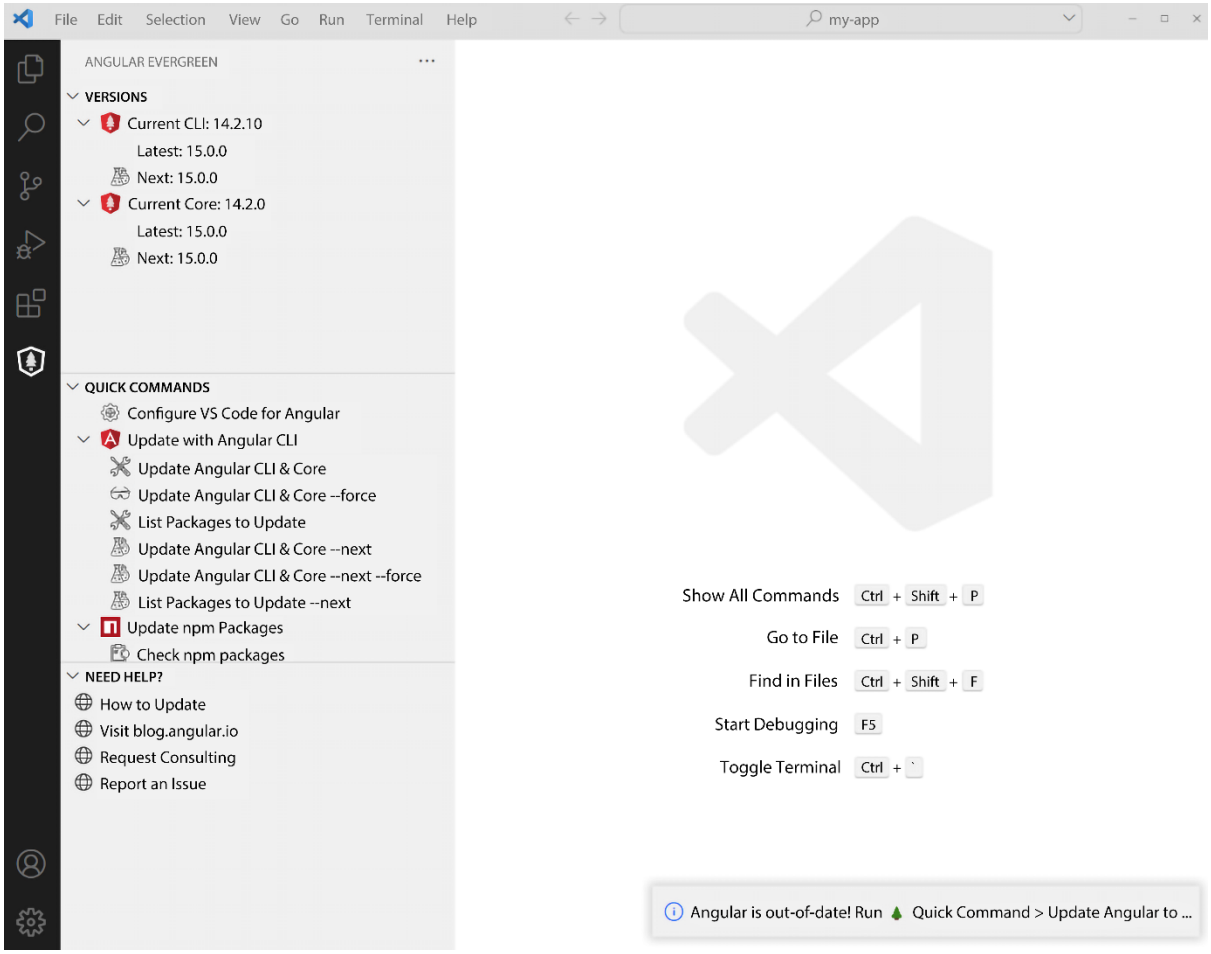
my-component.html U

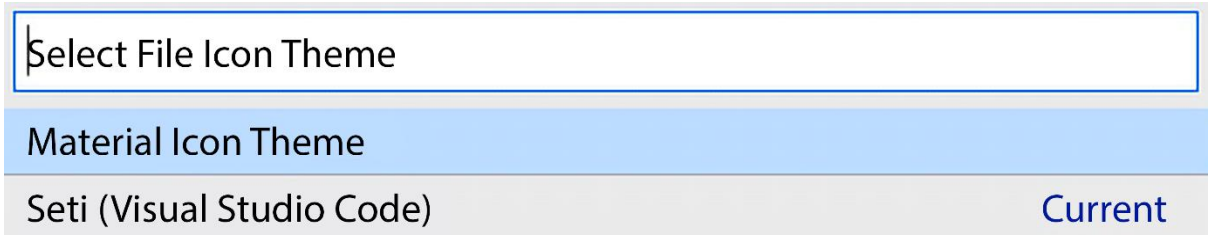
src > app > my-component.html

!!MISSING: command!!

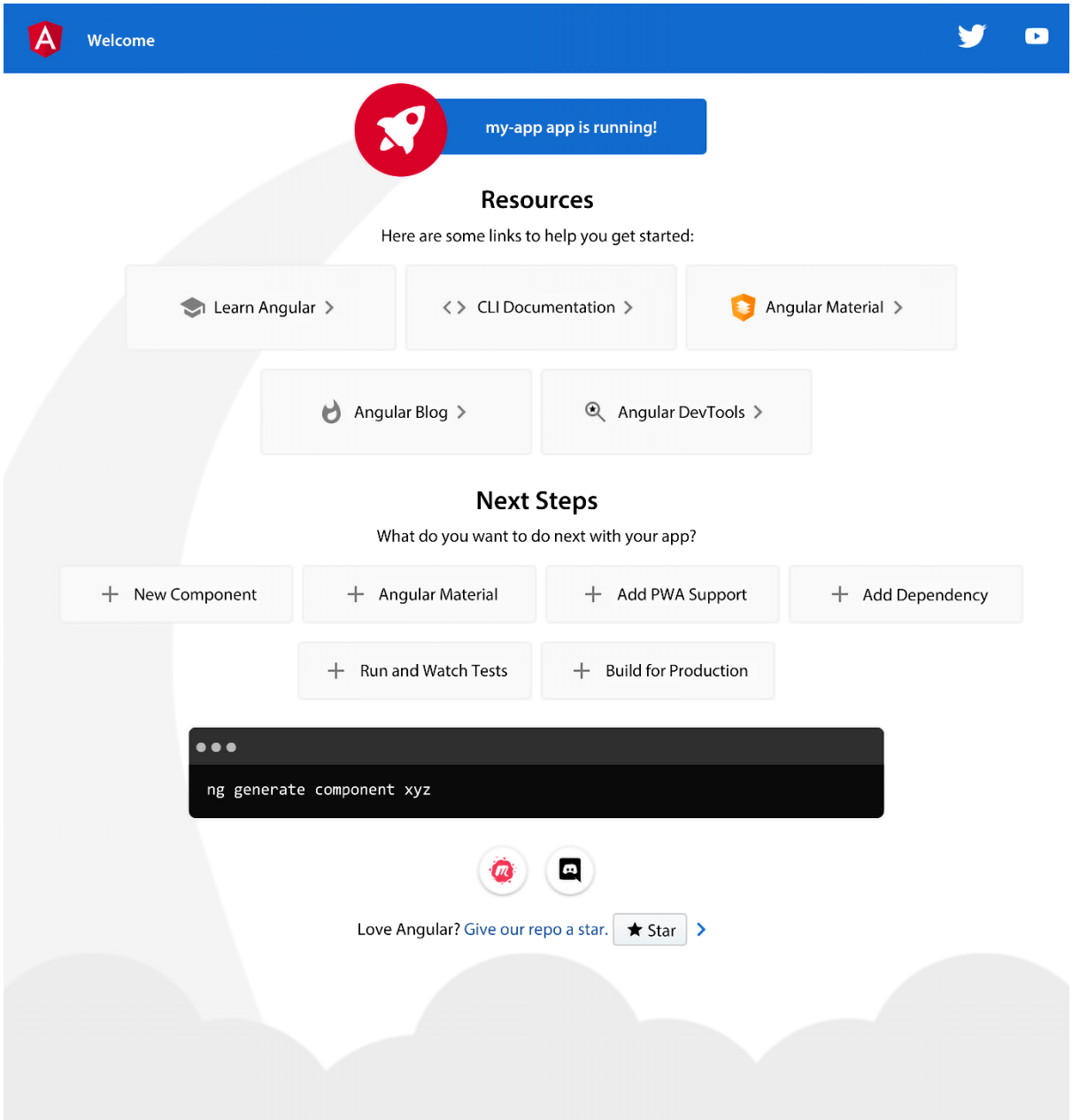
```
1  a-
```

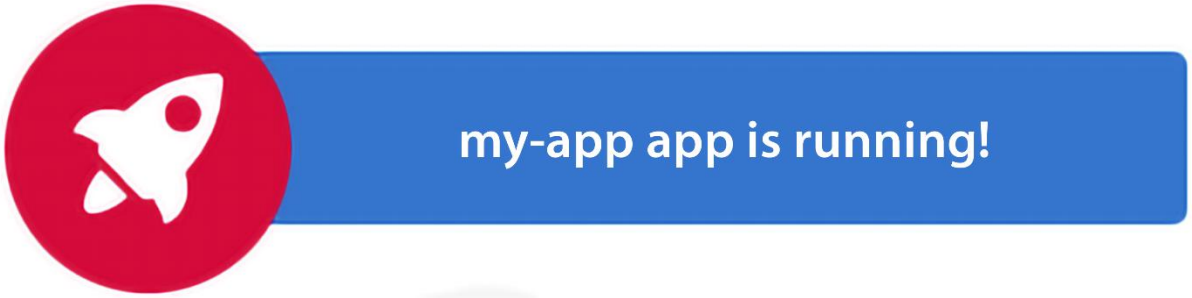
```
a-formGroupName
a-ng-container                          ng-container
a-ng-container
a-ng-content                              ng-content
a-ng-content
a-ng-template                           ng-template
a-ng-template
a-ngClass                                     ngClass
a-ngClass
a-ngFor                                         ngFor
a-ngFor          Angular *ngFor (Angular Snippets (V…
a-ngFor-trackBy                  ngFor with trackBy
```



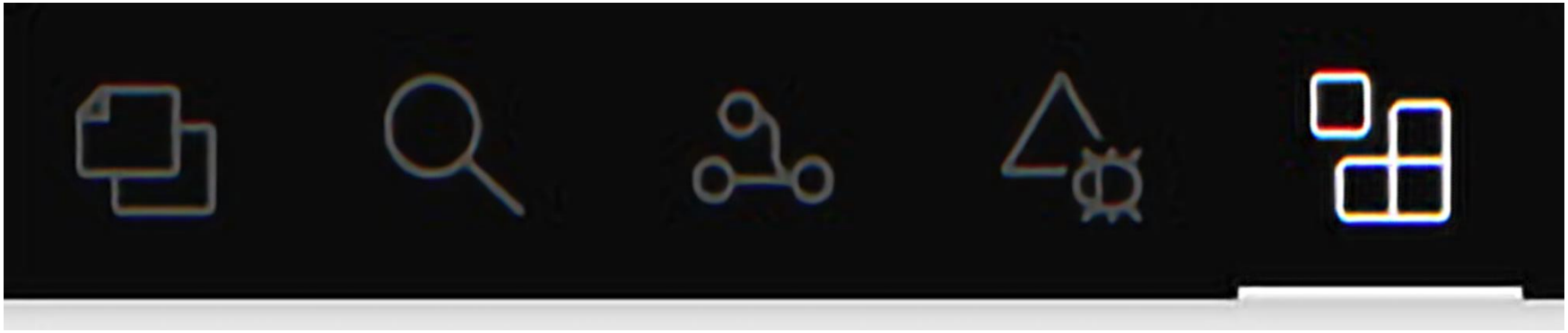


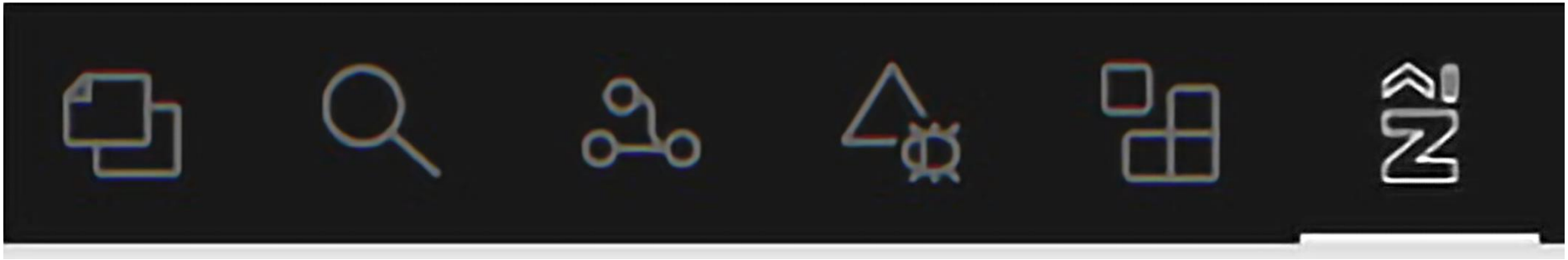

```
** Angular Live Development Server is listening on localhost:4200, open your browser
on http://localhost:4200/ **

√ Compiled successfully.
```

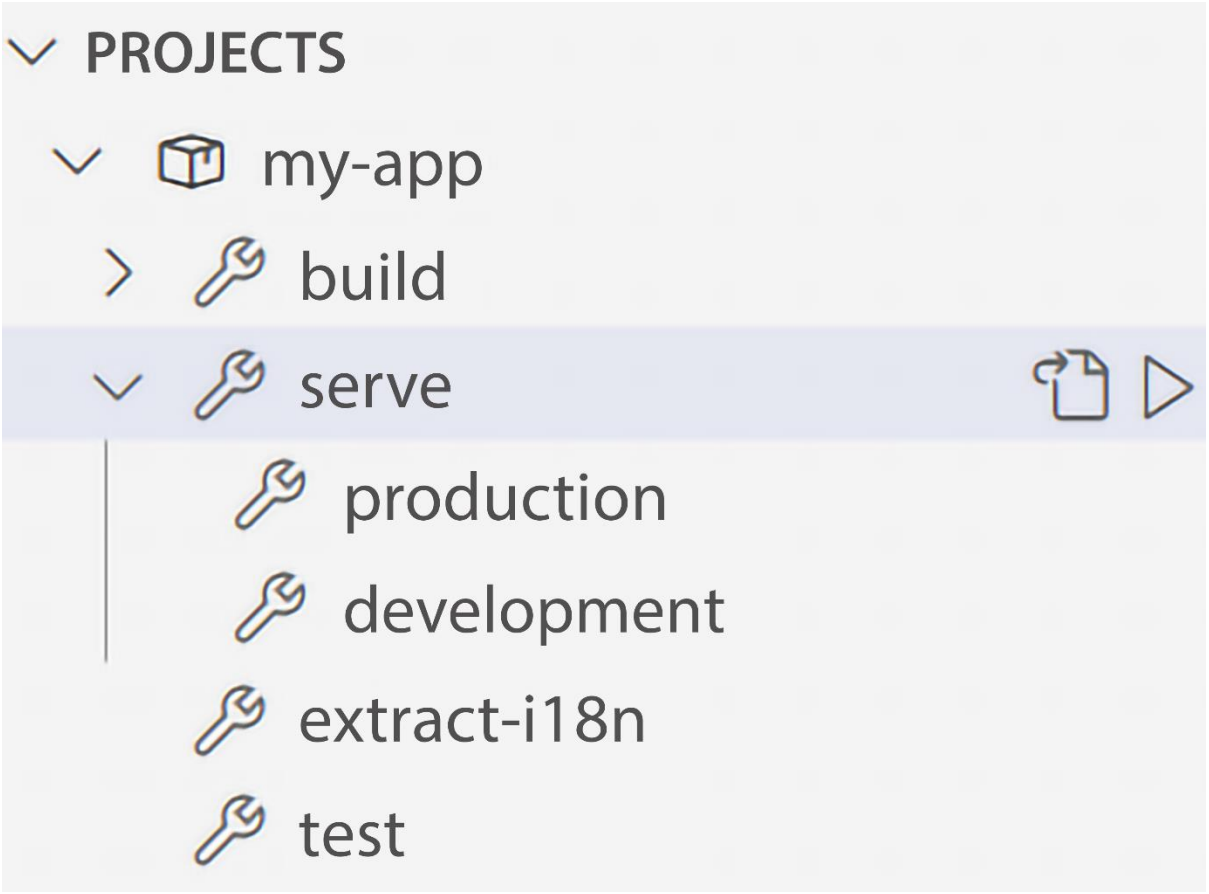



my-app app is running!

Angular Projects app is running!

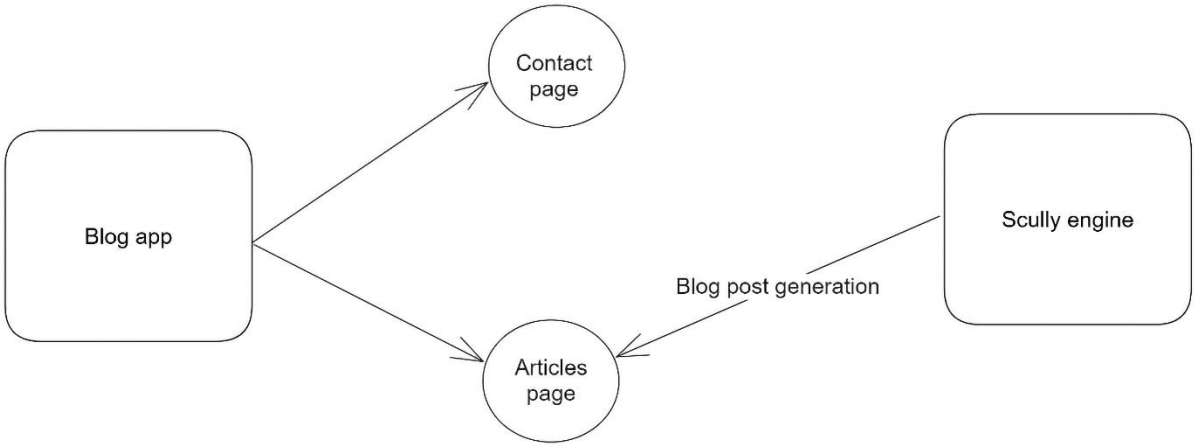


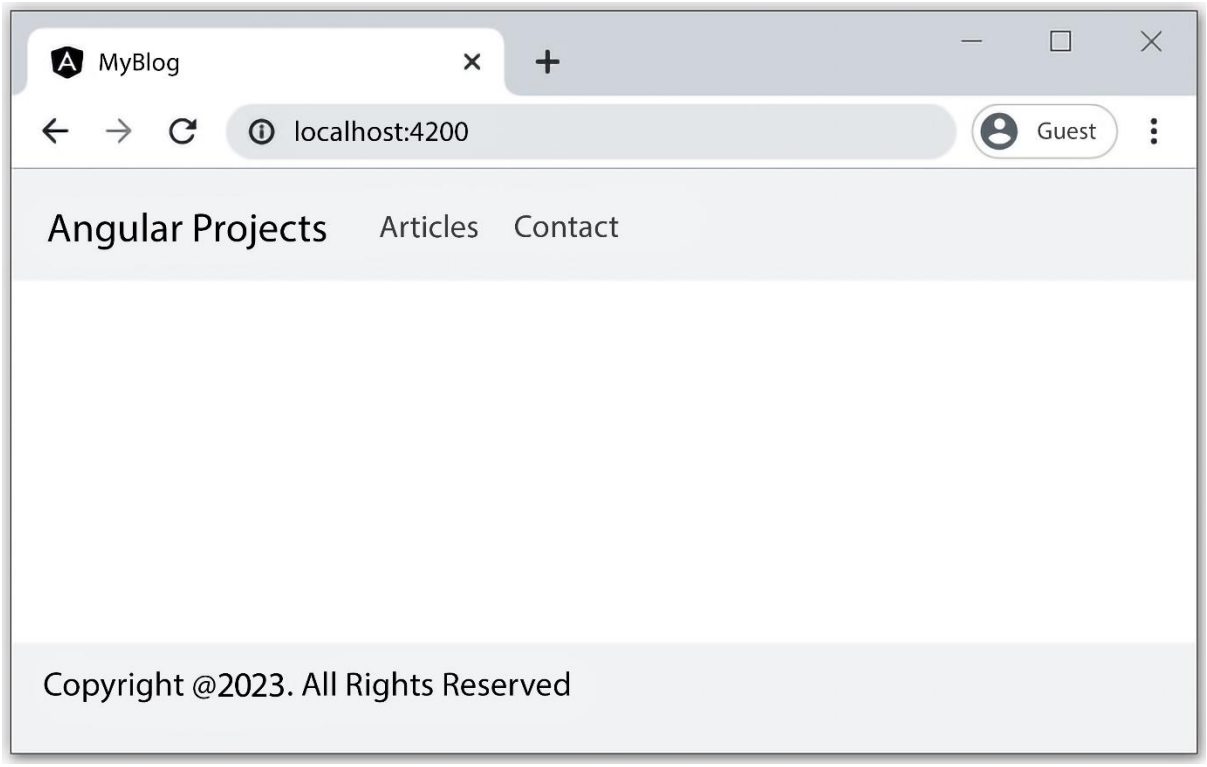





```
* Executing task: npx ng serve my-app

Generating browser application bundles (phase: setup)...
```

Chapter 2: Building an SPA Application with Scully and Angular Router

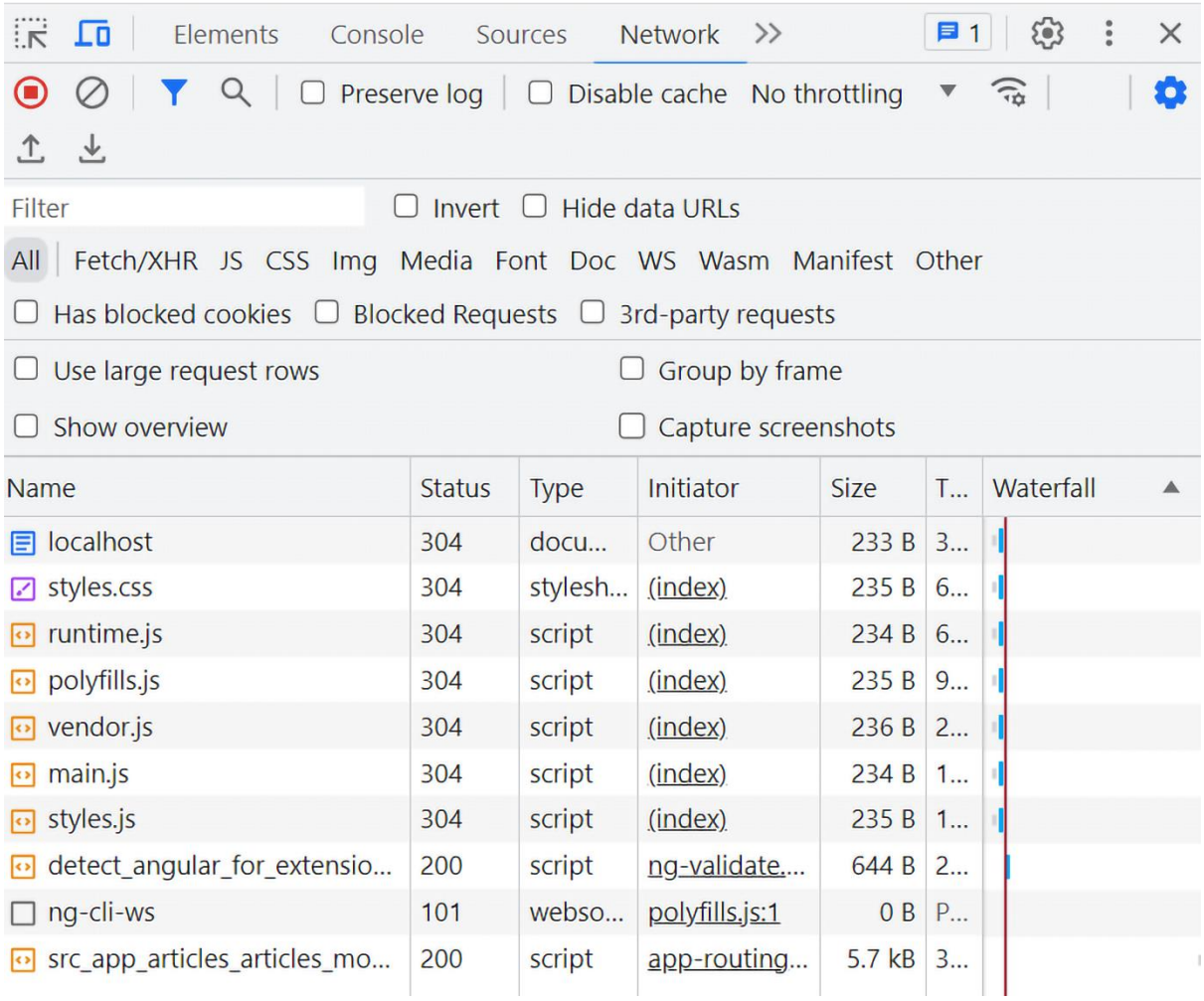




Angular Projects

A personal blog created with the Angular framework and the Scully static site generator

Angular Scully




```
✓ Starting servers for project "my-blog"
✓ Started Scully static server on "http://localhost:1668/"
✓ Started Angular distribution server on "http://localhost:1864/"
```

2023-06-22-posts

blog description

Angular and Scully

How to build a blog with Angular and Scully

Scullylo content

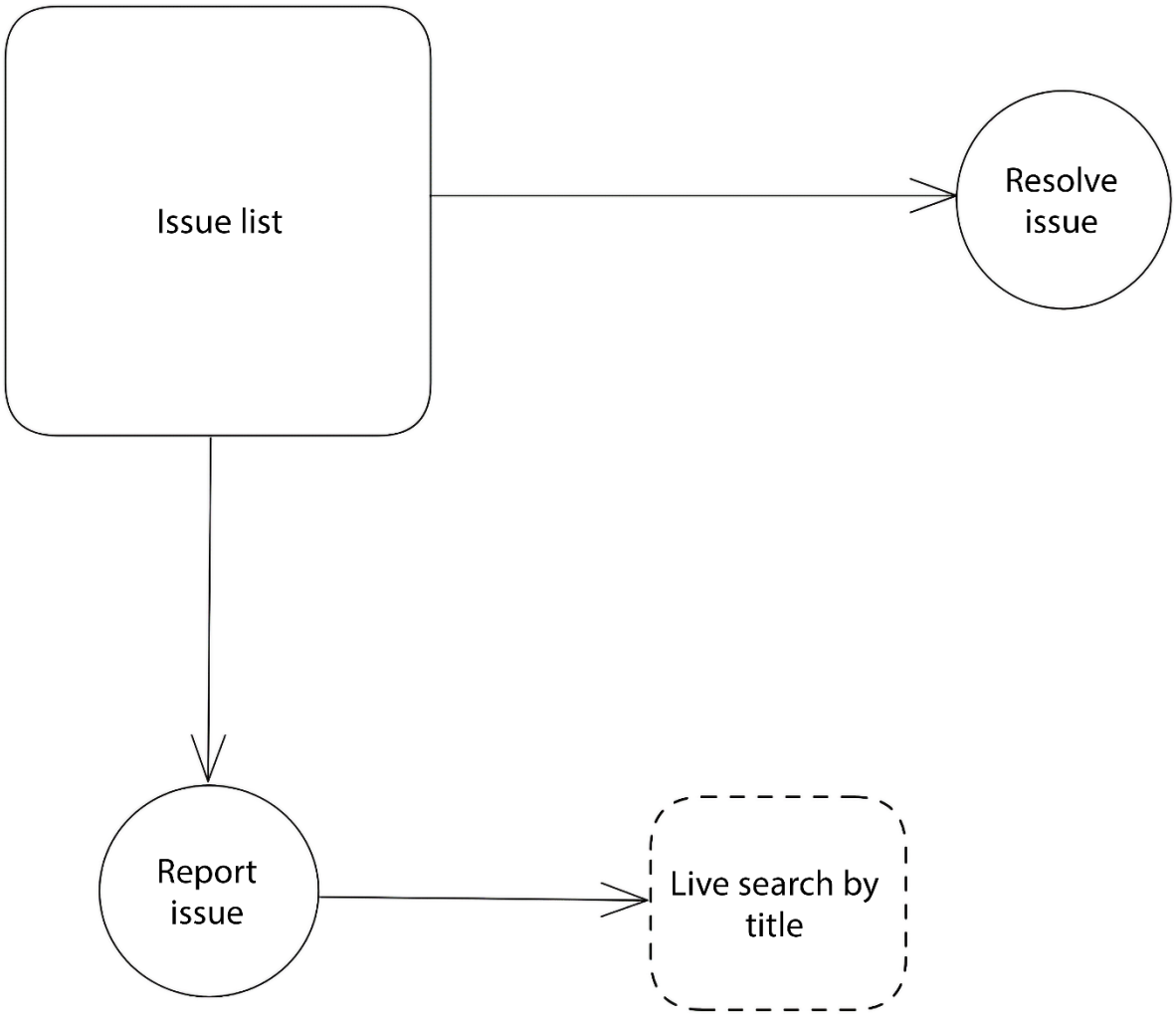
Angular and Scully

Angular is a robust JavaScript framework that we can use to build excellent and performant web applications. Scully is a framework with Jamstack characteristics. You can find more about them in the following links:

- https://angular.io
- https://scully.io
- https://www.jamstack.org

End of content

Chapter 3: Building an Issue Tracking System Using Reactive Forms



Issue No	Type	Title	Description	Priority
1	Feature	Add email validation in registration form	Validate the email entered in the user registration form	high
2	Feature	Display the adress details of a customer	Add a column to display the details of the customer address in the customer list	low
3	Bug	Export to CSV is not working	The export process of a report into CSV format throws an error	high
4	Feature	Locale settings per user	Add settings configure the locale of the current user	low
5	Documentation	Add new customer tutorial	Create a tutorial on how to add a new customer into the application	high

5 issues

Report an issue

Title: Error when creating a new user

Description: When we click on the Create user button, the error message: "Invalid email" appears on the screen

Priority: ○ Low ◉ High

Type: Bug

CREATE CANCEL

ADD NEW ISSUE

Issue No	Type	Title	Description	Priority
1	Bug	Error when creating a new user	When we click on the Create user button, the error message: "Invalid email" appears on the screen	high

1 issues

Title

Title is required

Report an issue

Title

Title is required

Description

Priority

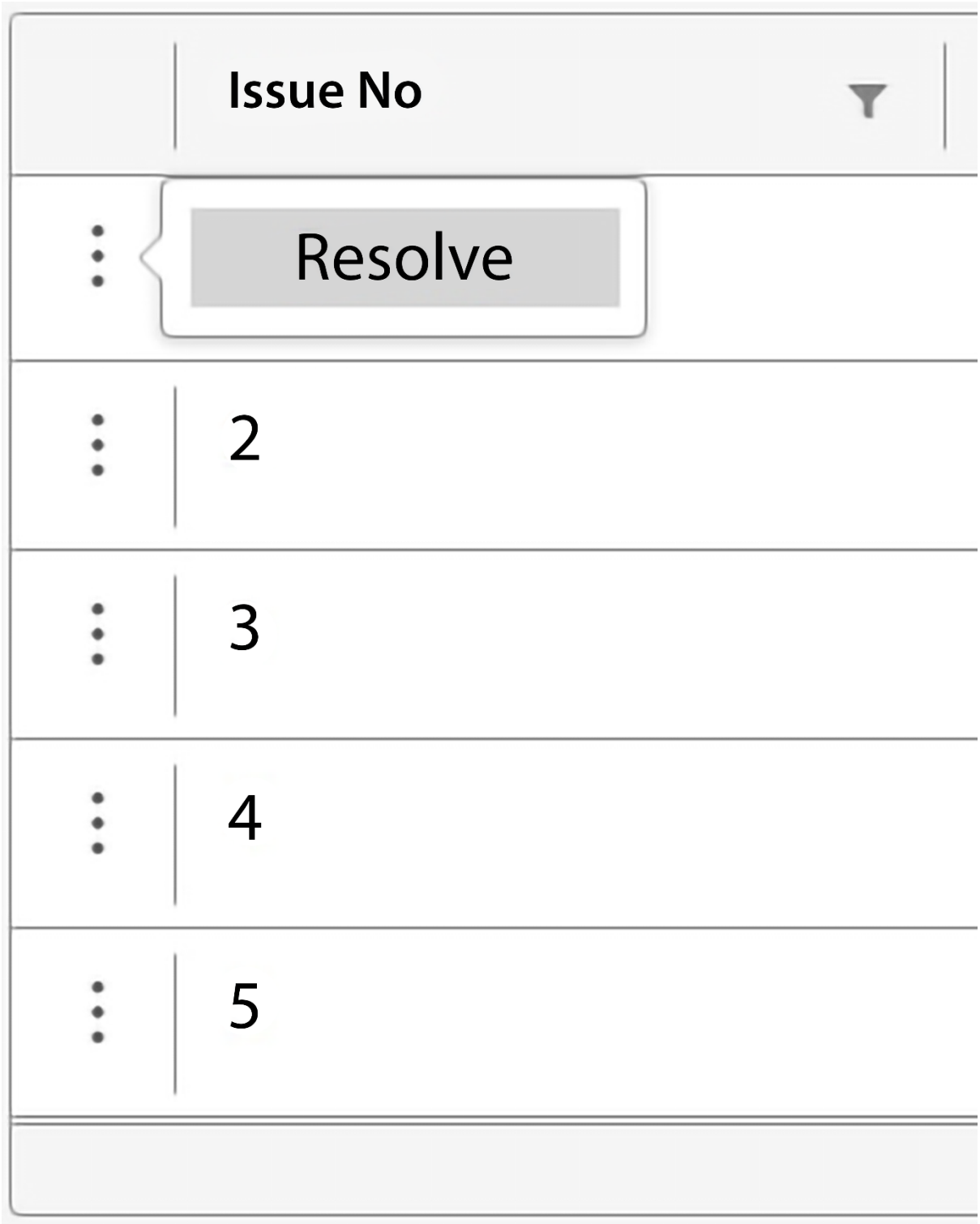
Low High

Priority is required

Type

Type is required

CREATE CANCEL


Issue No
Resolve
2
3
4
5

Resolve Issue # 1

Are you sure you want to close the issue?

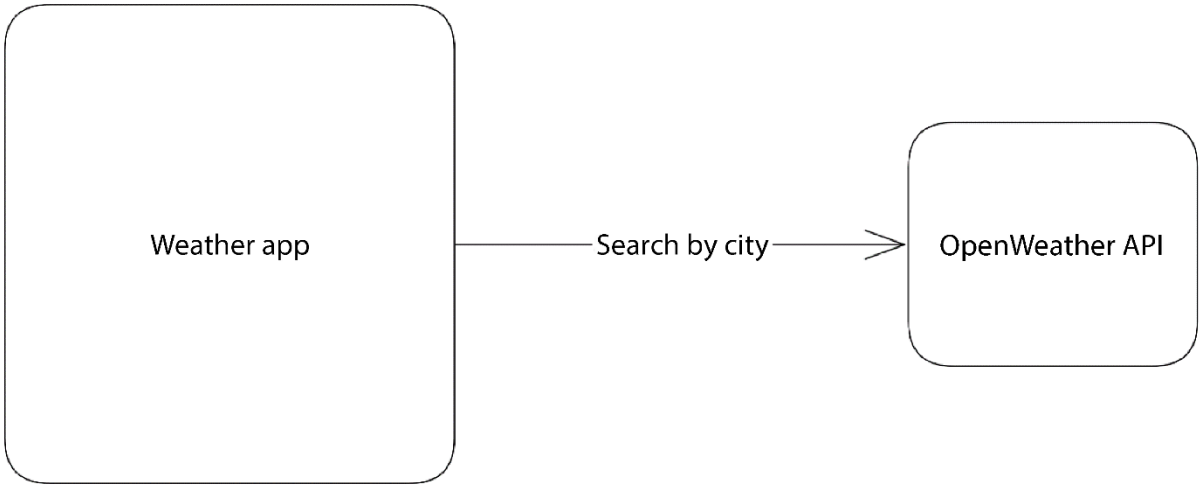
CANCEL YES, CONTINUE

Title cust

Similar issues

#2: Display the adress details of a customer	Add a column to display the details of the customer address in the customer list
#5: Add new customer tutorial	Create a tutorial on how to add a new customer into the application

Chapter 4: Building a PWA Weather Application Using Angular Service Worker



Athens

Athens, GR

Clouds

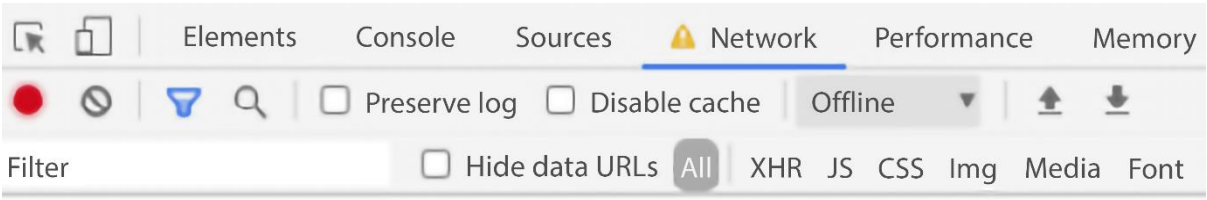
17 °C

Pressure: 1013 hPa

Humidity: 62 %

Wind: 4.92 m/s

Enter city

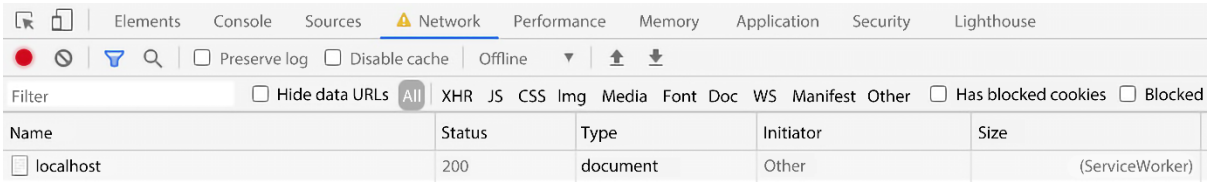


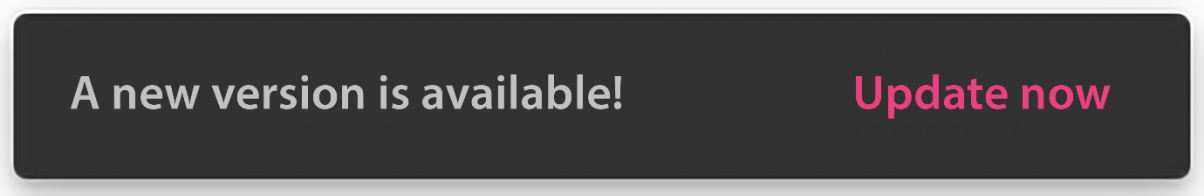
No internet

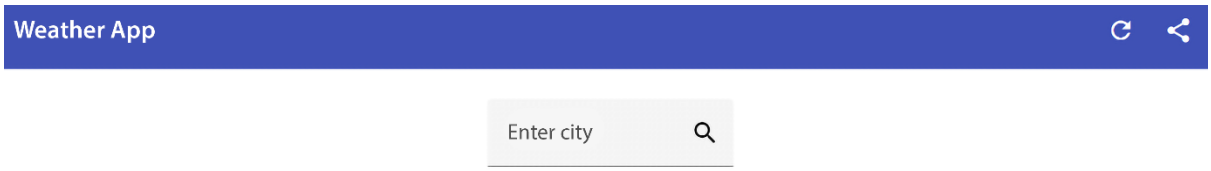
Try:

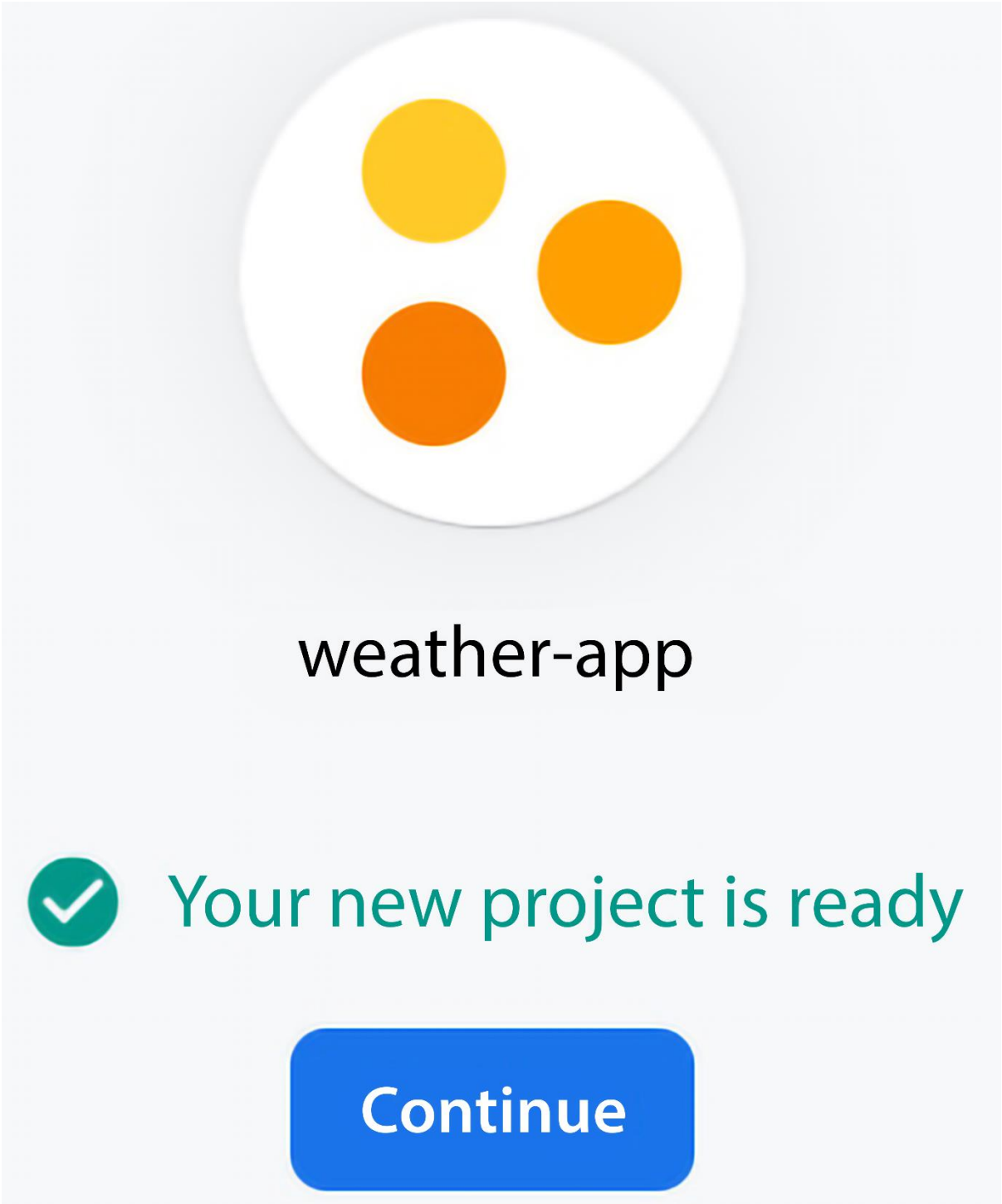
- Checking the network cables, modem, and router
- Reconnecting to Wi-Fi
- Running Windows Network Diagnostics

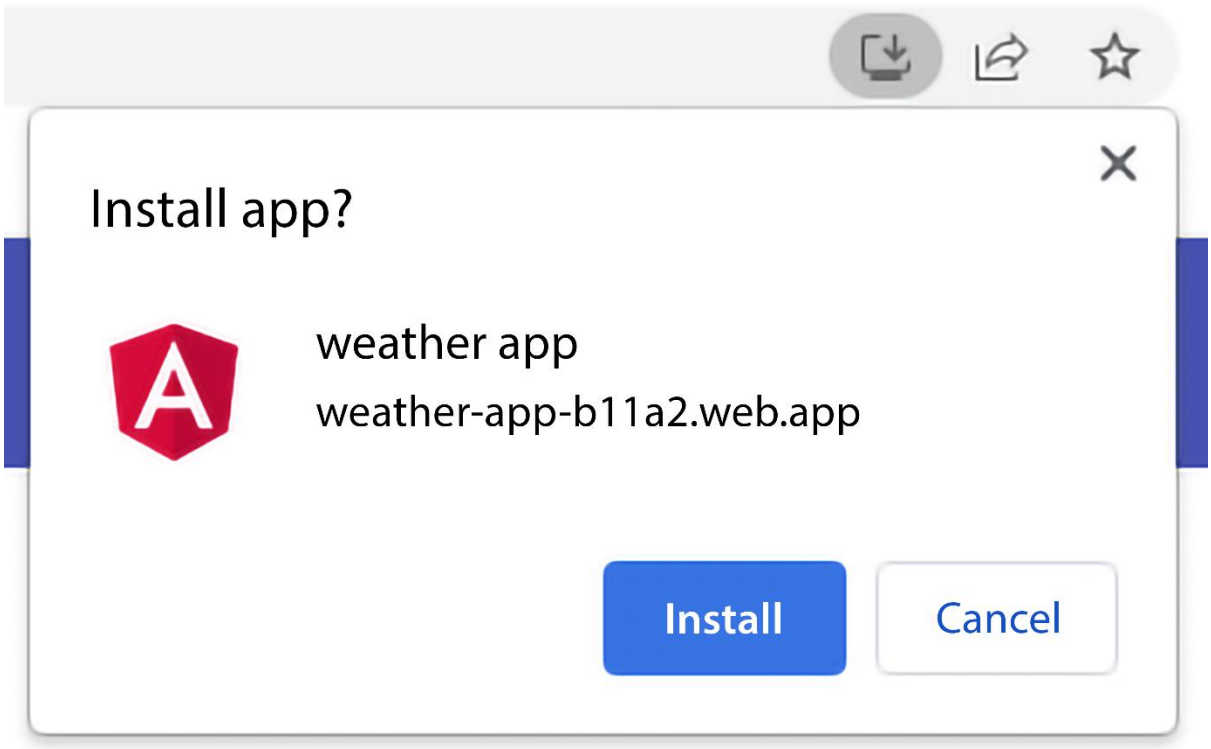
ERR_INTERNET_DISCONNECTED

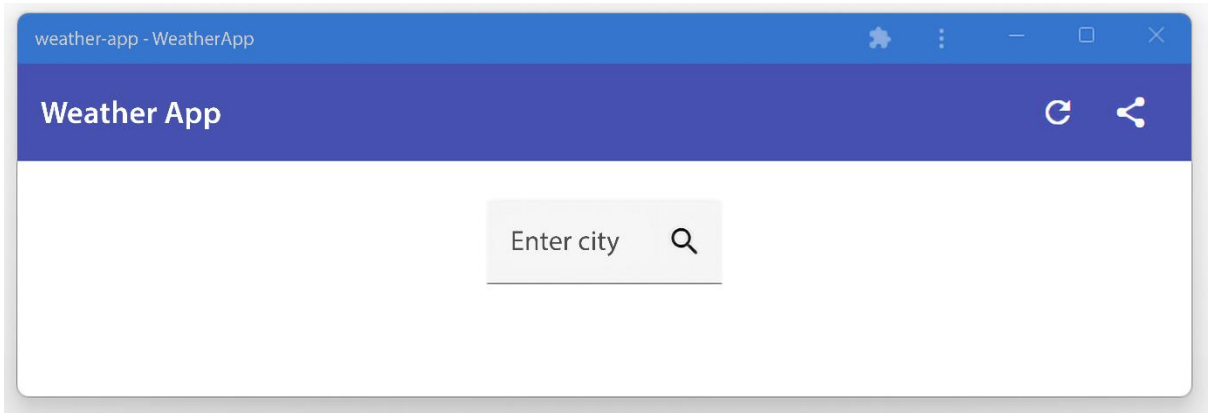



A new version is available!
Update now

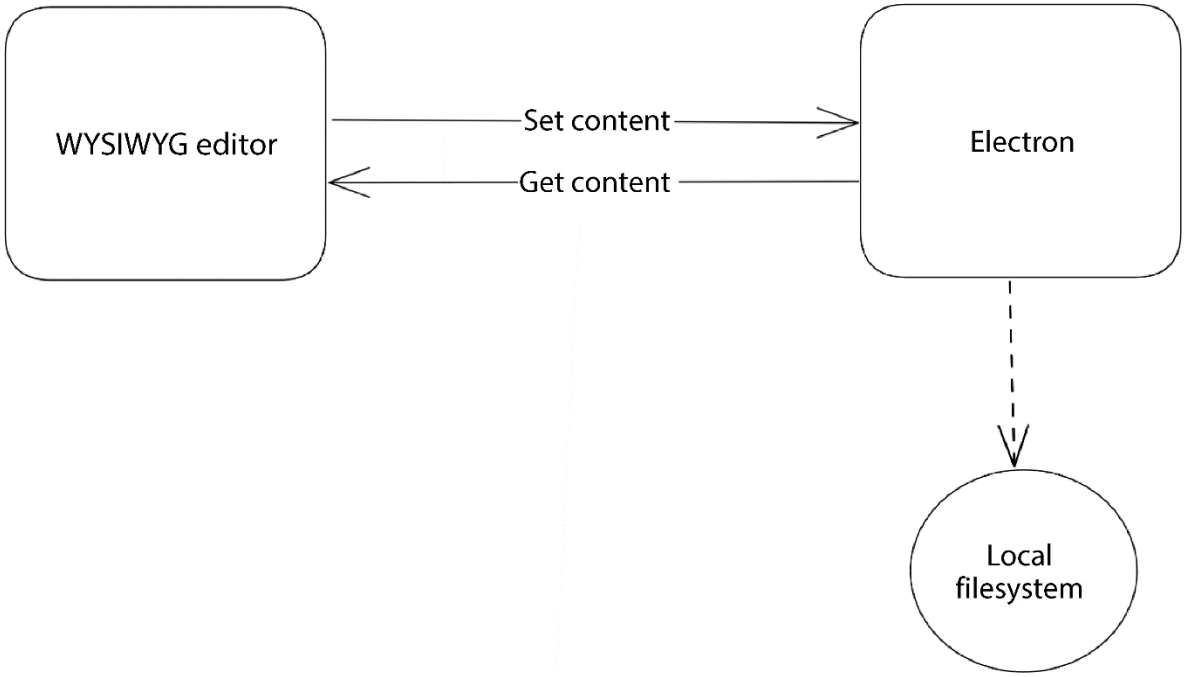

Weather App
Enter city

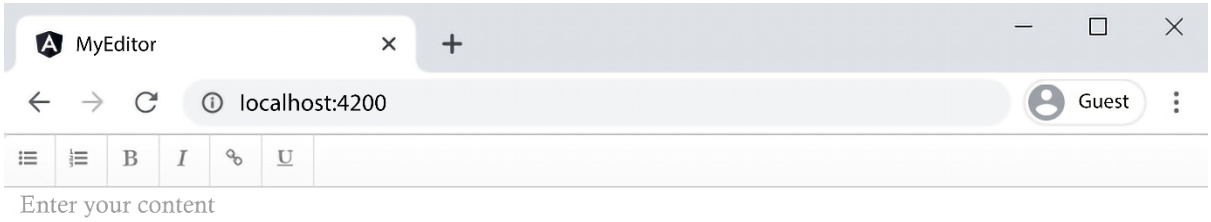

weather-app
Your new project is ready
Continue

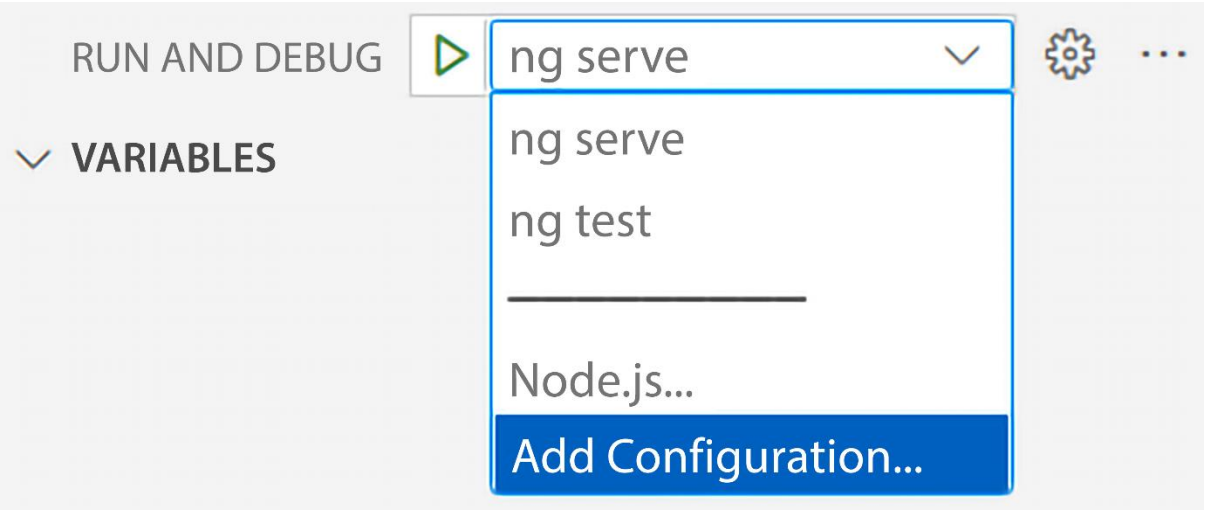

Install app?
weather app
weather-app-b11a2.web.app
Install
Cancel


weather-app - WeatherApp
Weather App
Enter city

Chapter 5: Building a WYSIWYG Editor for the Desktop using Electron

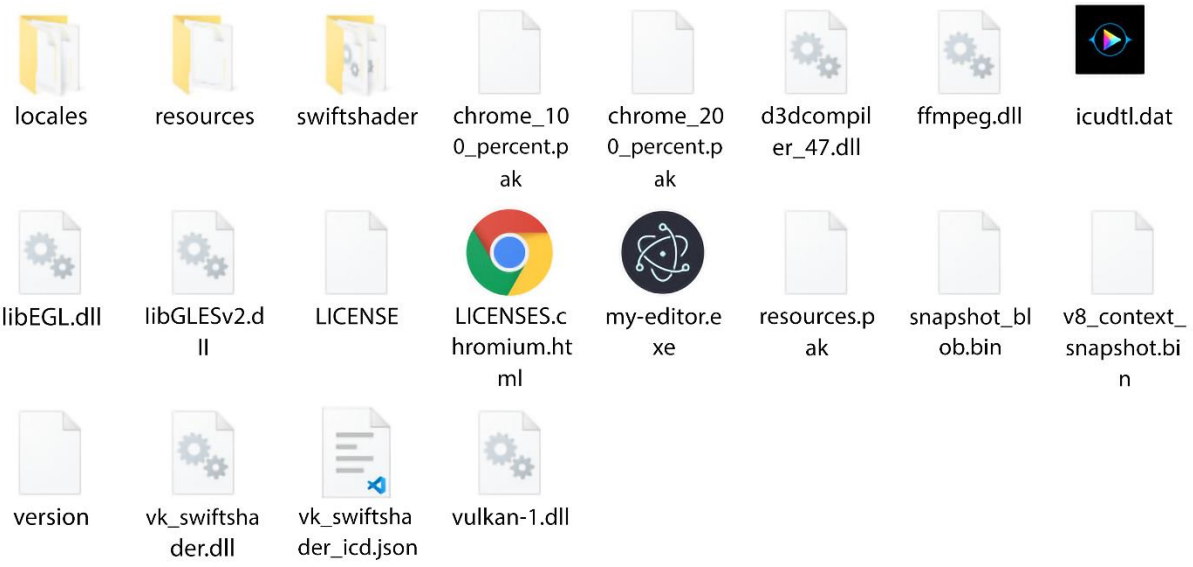




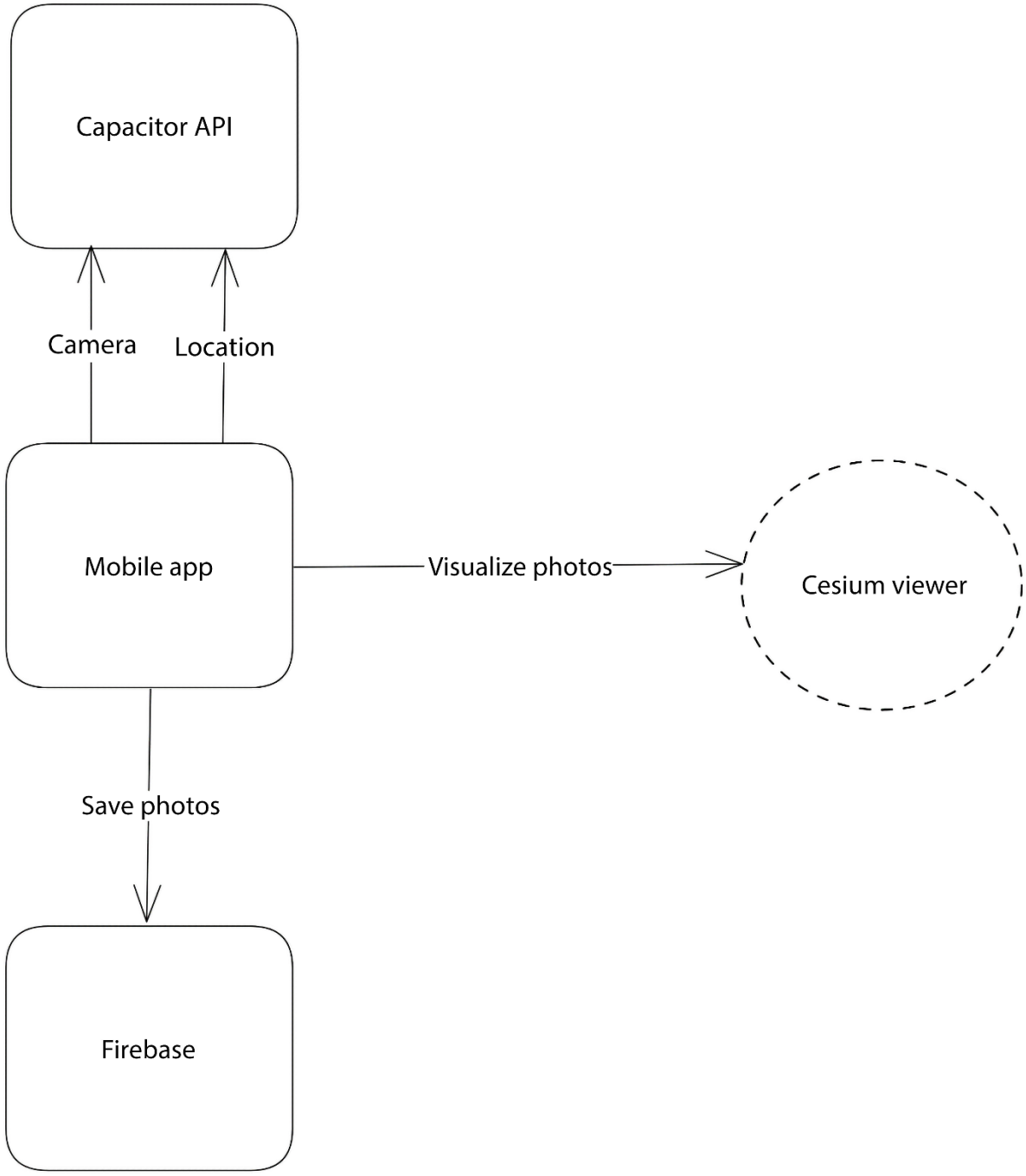

RUN AND DEBUG
ng serve
VARIABLES
ng serve
ng test
Node.js...
Add Configuration...

MyEditor
File Edit View Window Help
Enter your content

MyEditor
File Edit View Window Help
Hello Angular Projects
Built with Angular and Electron !


locales
resources
swiftshader
chrome_100_percent.pak
chrome_200_percent.pak
d3dcompiler_47.dll
ffmpeg.dll
icudtl.dat
libEGL.dll
libGLESv2.dll
LICENSE
LICENSES.chromium.html
my-editor.exe
resources.pak
snapshot_blob.bin
v8_context_snapshot.bin
version
vk_swiftshader.dll
vk_swiftshader_icd.json
vulkan-1.dll

Chapter 6: Building a Mobile Photo Geotagging Application Using Capacitor and 3D Maps, covers Capacitor



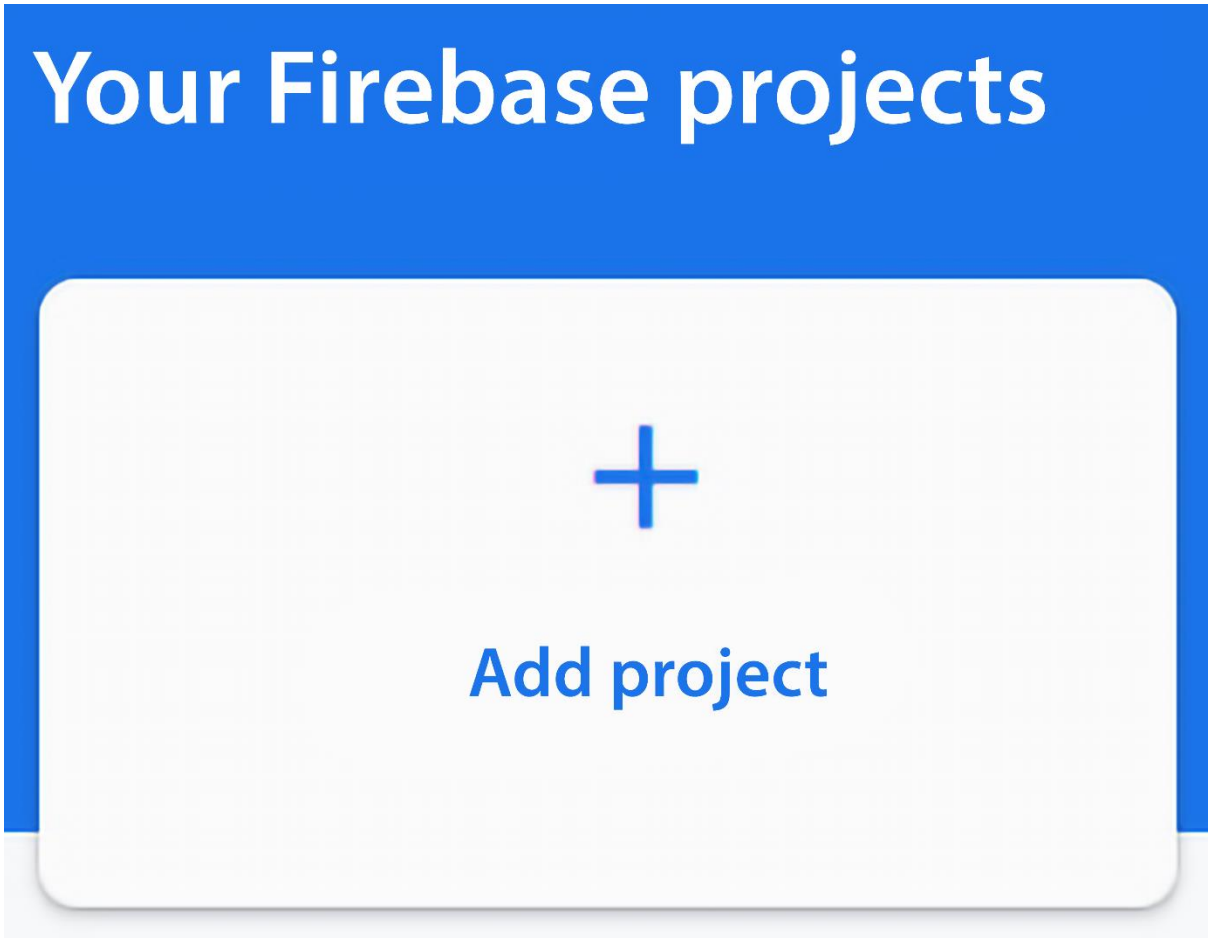
Phototag

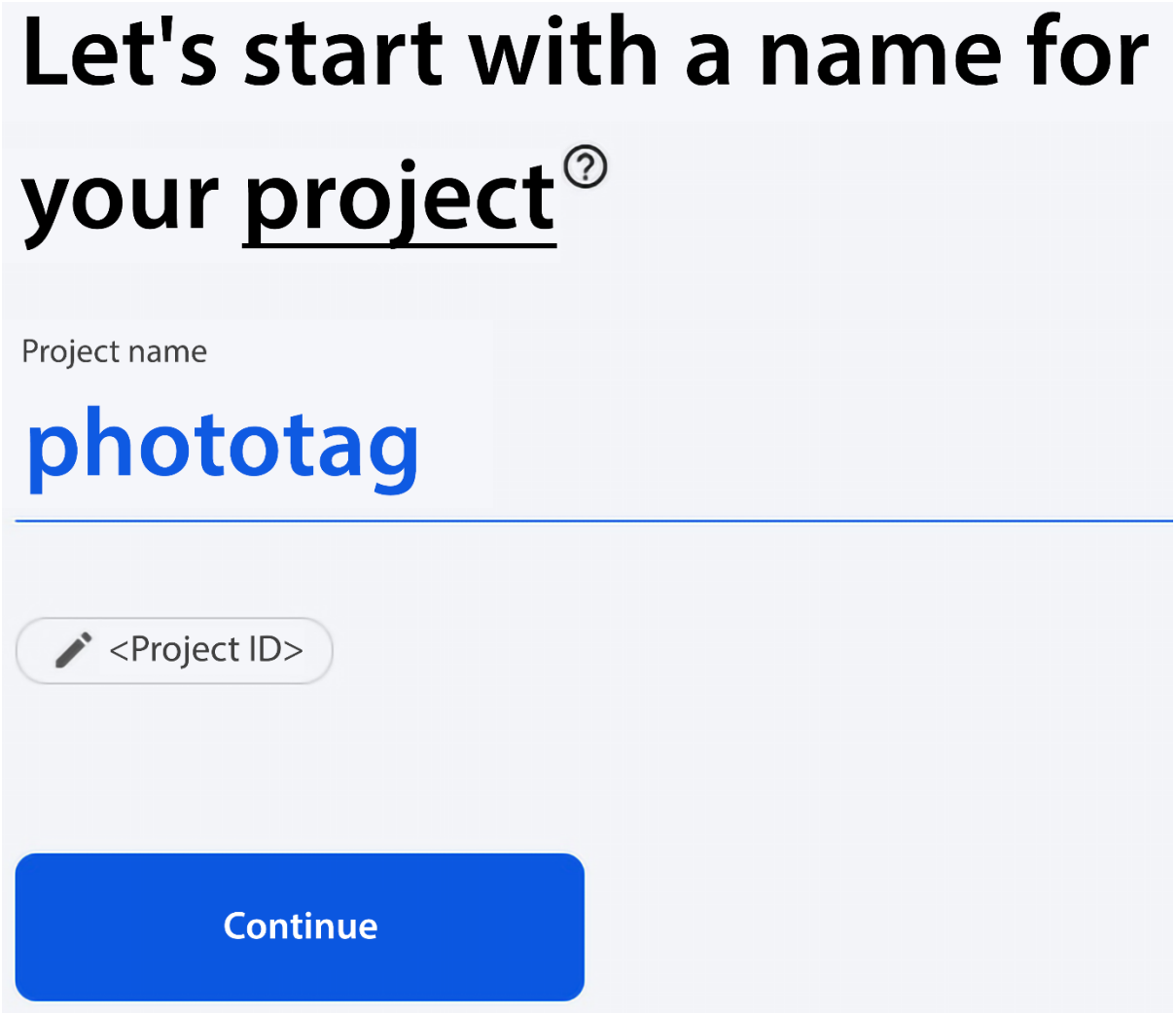
Capture geotagged photos

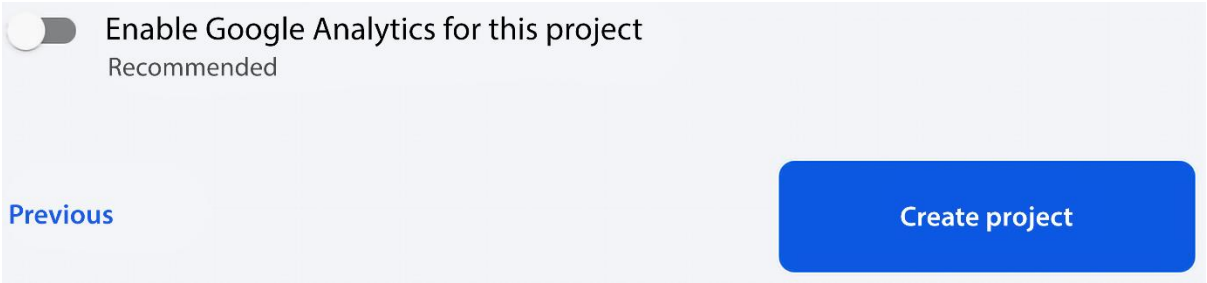
Take a photo

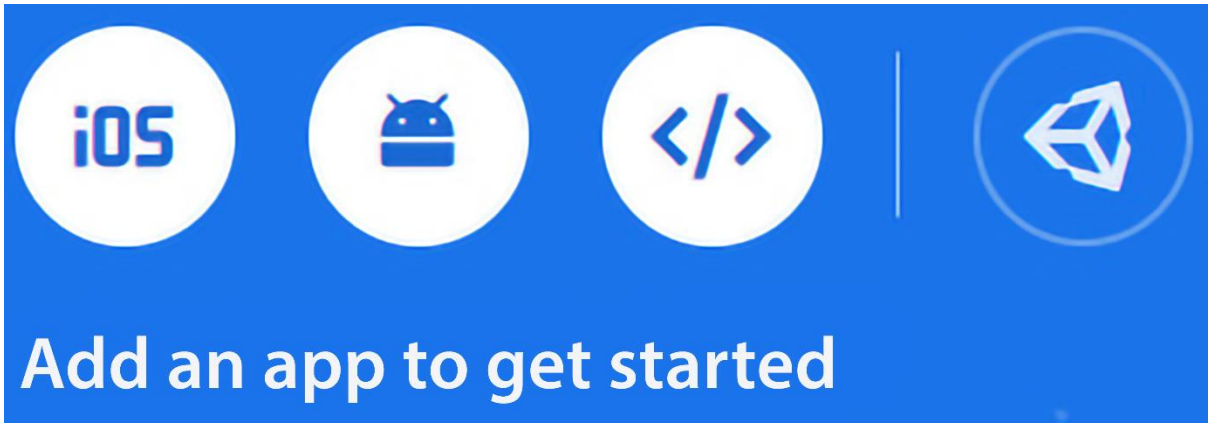
View gallery

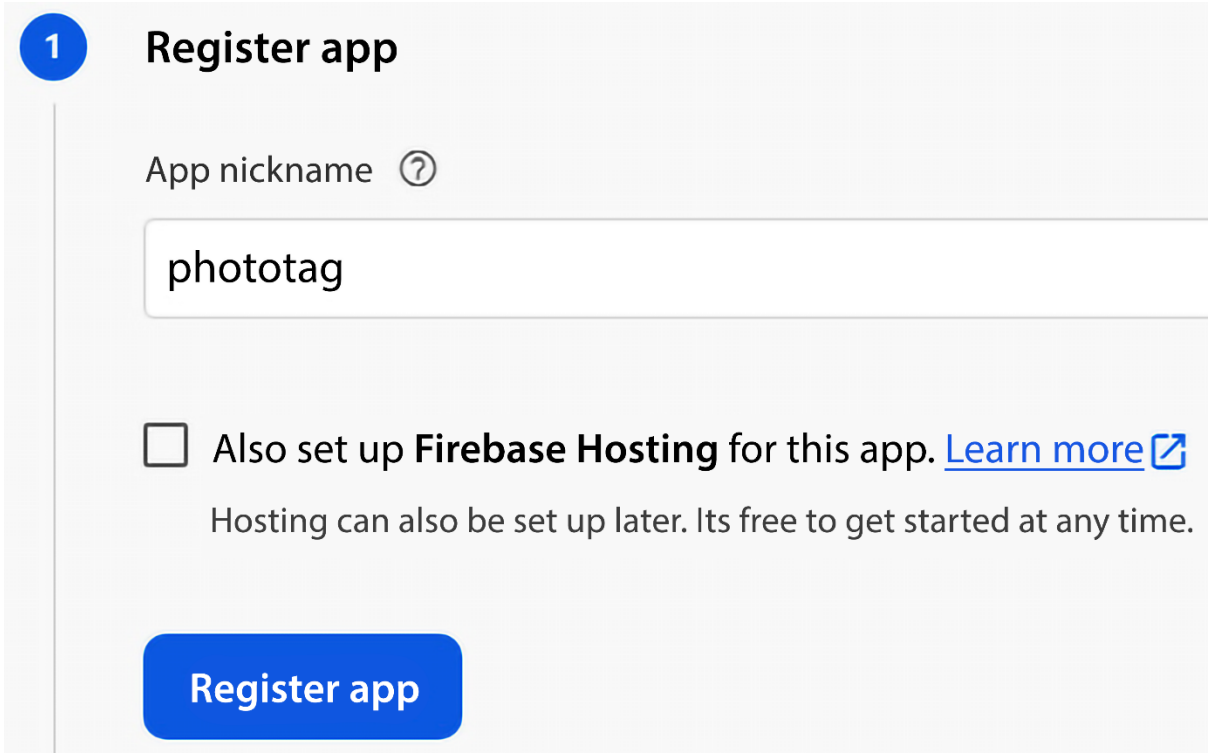
Take a nice photo with your camera


Your Firebase projects
Add project


Let's start with a name for your project
Project name
phototag
<Project ID>
Continue


Enable Google Analytics for this project
Recommended
Previous
Create project


iOS
Add an app to get started


1
Register app
App nickname
phototag
Also set up Firebase Hosting for this app. Learn more
Hosting can also be set up later. Its free to get started at any time.
Register app

Cloud Firestore

Real-time updates, powerful queries and automatic scaling

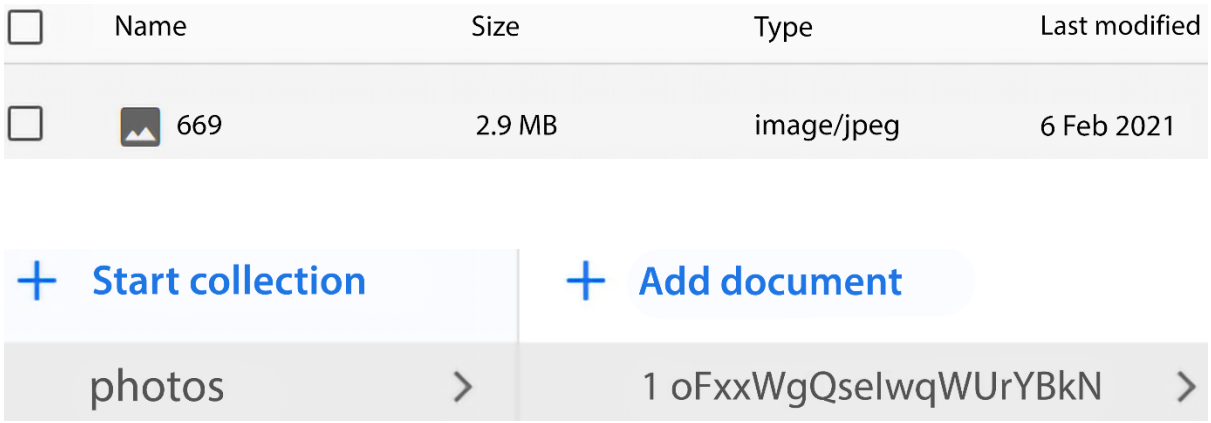
Create database

○ Start in **production mode**

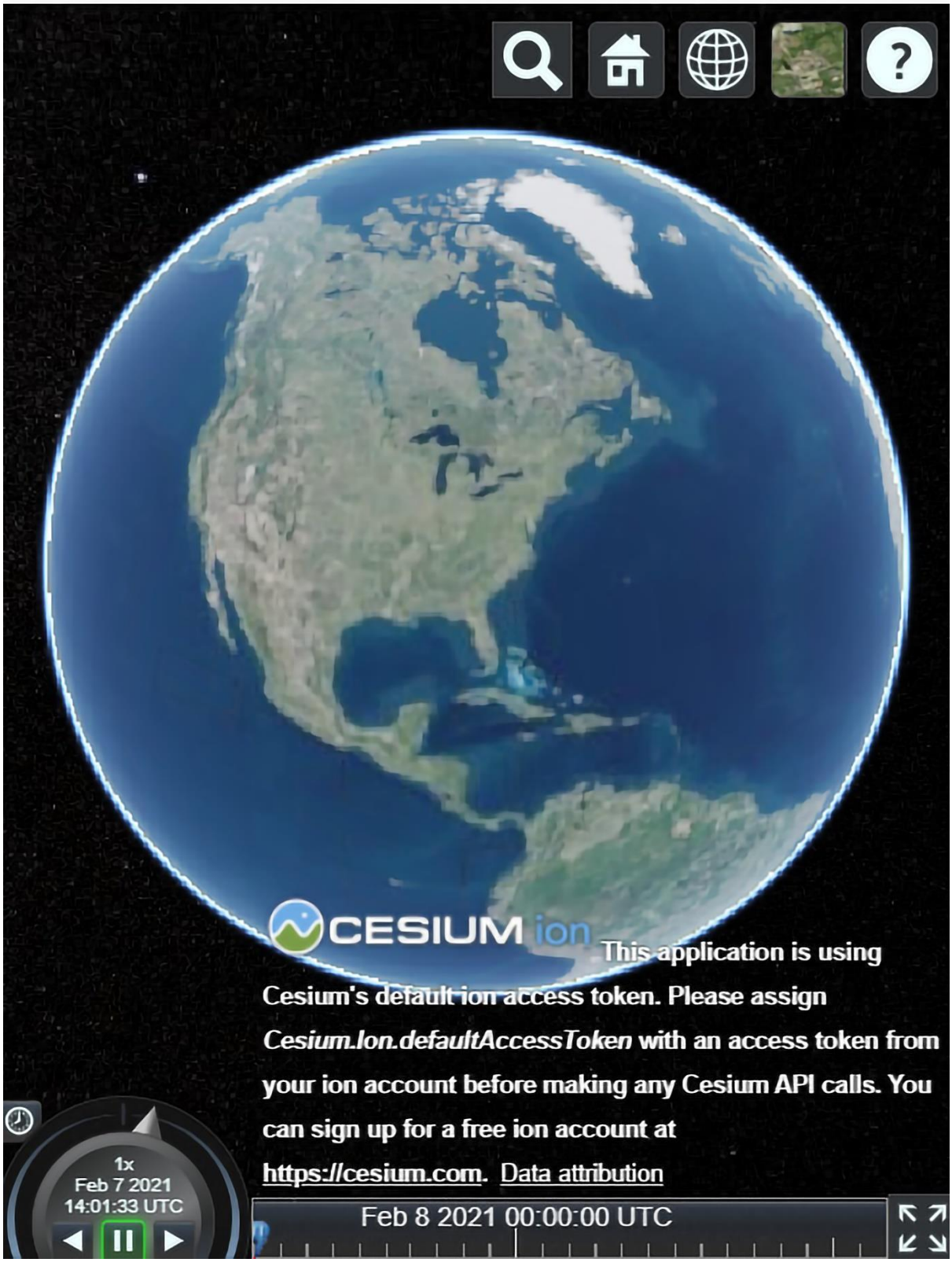
Your data is private by default. Client read/write access will only be granted as specified by your security rules.

◉ Start in **Test mode**

Your data is open by default to enable quick setup. However, you must update your security rules within 30 days to enable long-term client read/write access.

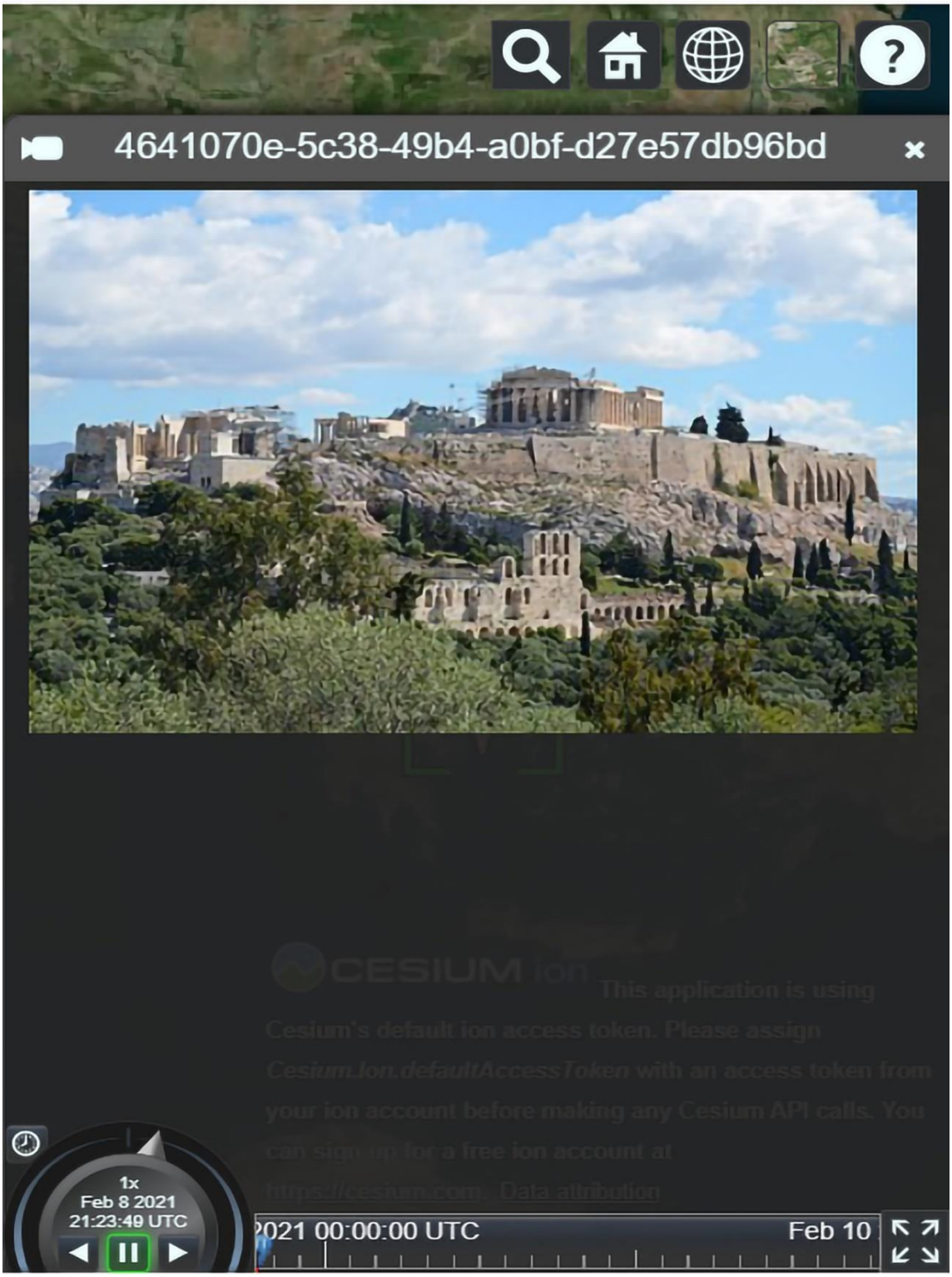

Name
Size
Type
Last modified
669
2.9 MB
image/jpeg
6 Feb 2021
Start collection
Add document
photos
1 oFxxWgQseIwqWUrYBkN

View gallery

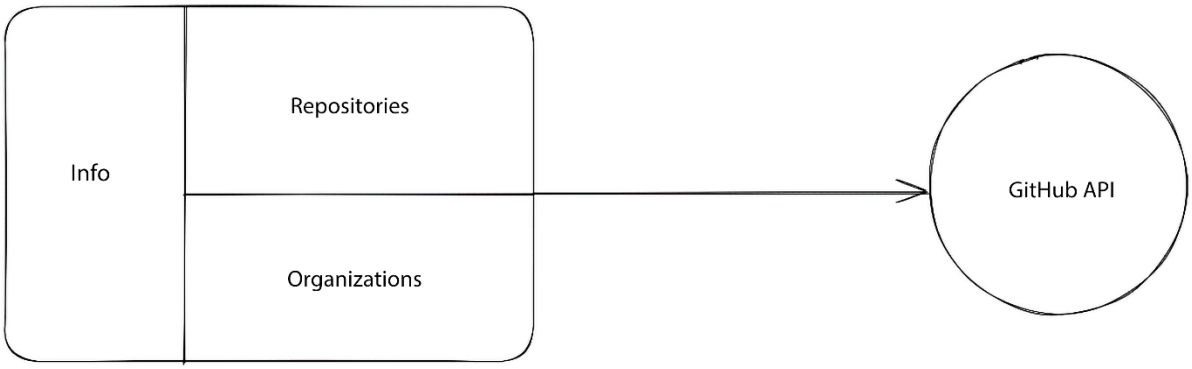


View gallery

View gallery



Chapter 7: Building an SSR Application for a GitHub Portfolio Using Angular



Experts

Angular

Aristeidis Bampakos

Angular Google Developer Expert I Co-organizer at Angular Athens meetup I Author @PacktPublishing I Senior Angular Instructor @CodeHubGreece

Athens, Greece

58

Twitter Personal blog

Repositories

angular-athens-demo
AngularJS to Angular migration demo for Athens Angular Meetup
JavaScript 3 5

angular-electron-sample
Angular-Electron sample application
TypeScript 6 4

angular-heroes
An Angular application that interacts with the Marvel Comics API
TypeScript 20 5

ngx-electronify
Angular CLI builder that runs your application in the desktop using Electron
TypeScript 48 3

PHQ4-angular
Famo.us Angular PHQ4 demo
JavaScript 0 0

repro-app
TypeScript 0 0

Organizations

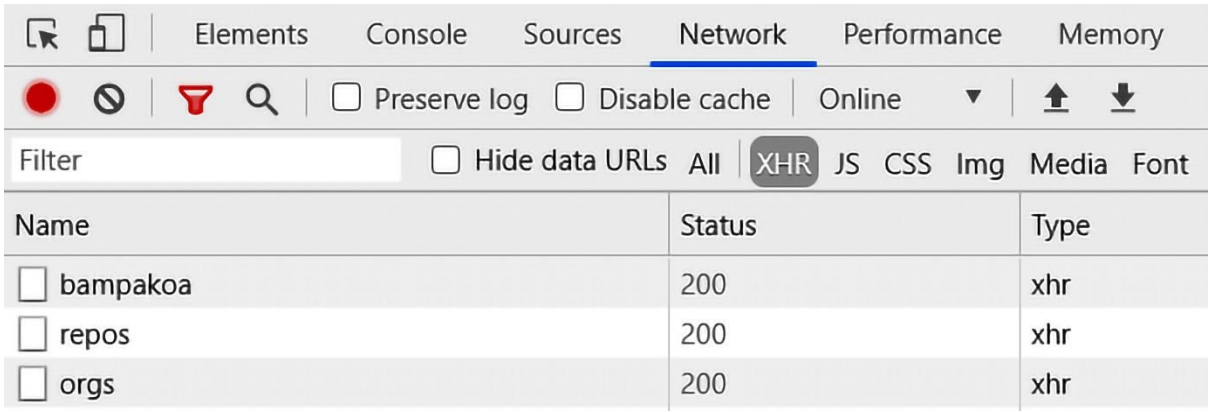
Developer-Plexscape

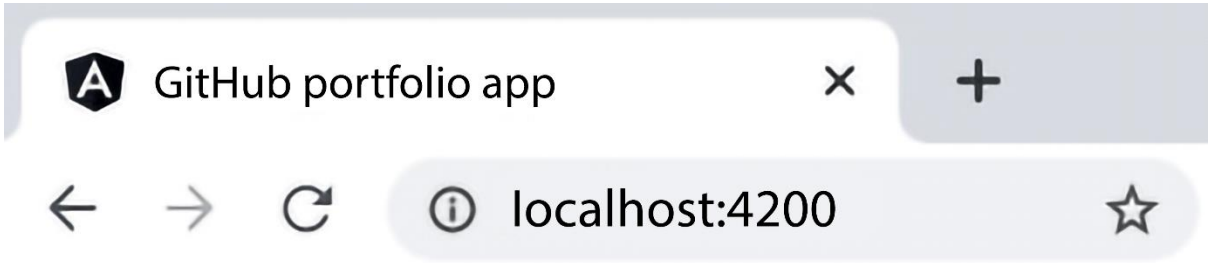
SocialHackersAcademy
We empower Refugees, Migrants, and Unemployed with Web Development skills.

angularathens

CodeHubGreece
Code.Hub is your ideal HR partner either you are a multinational company, a startup company or an ICT professional.

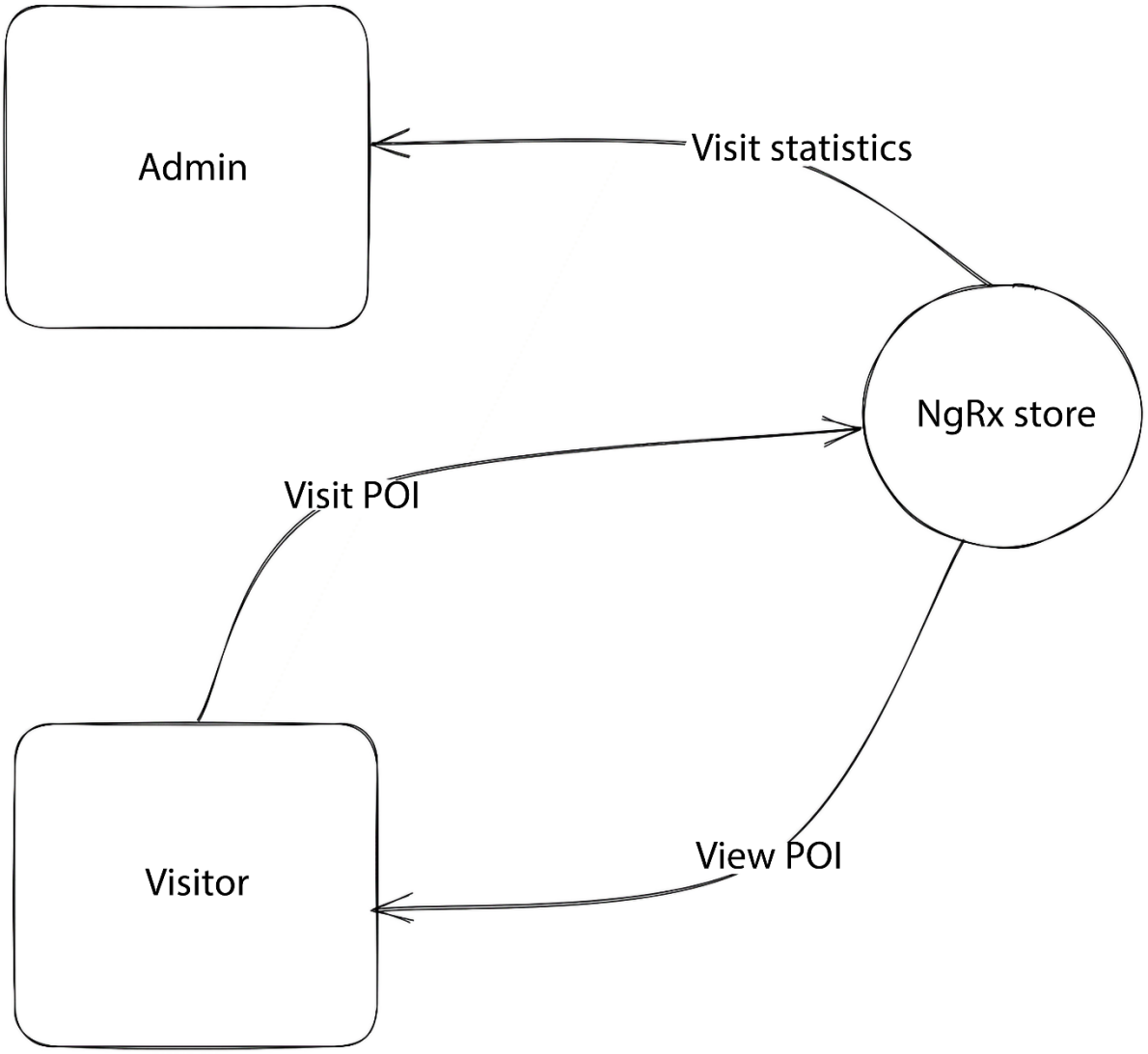
expertly-simple

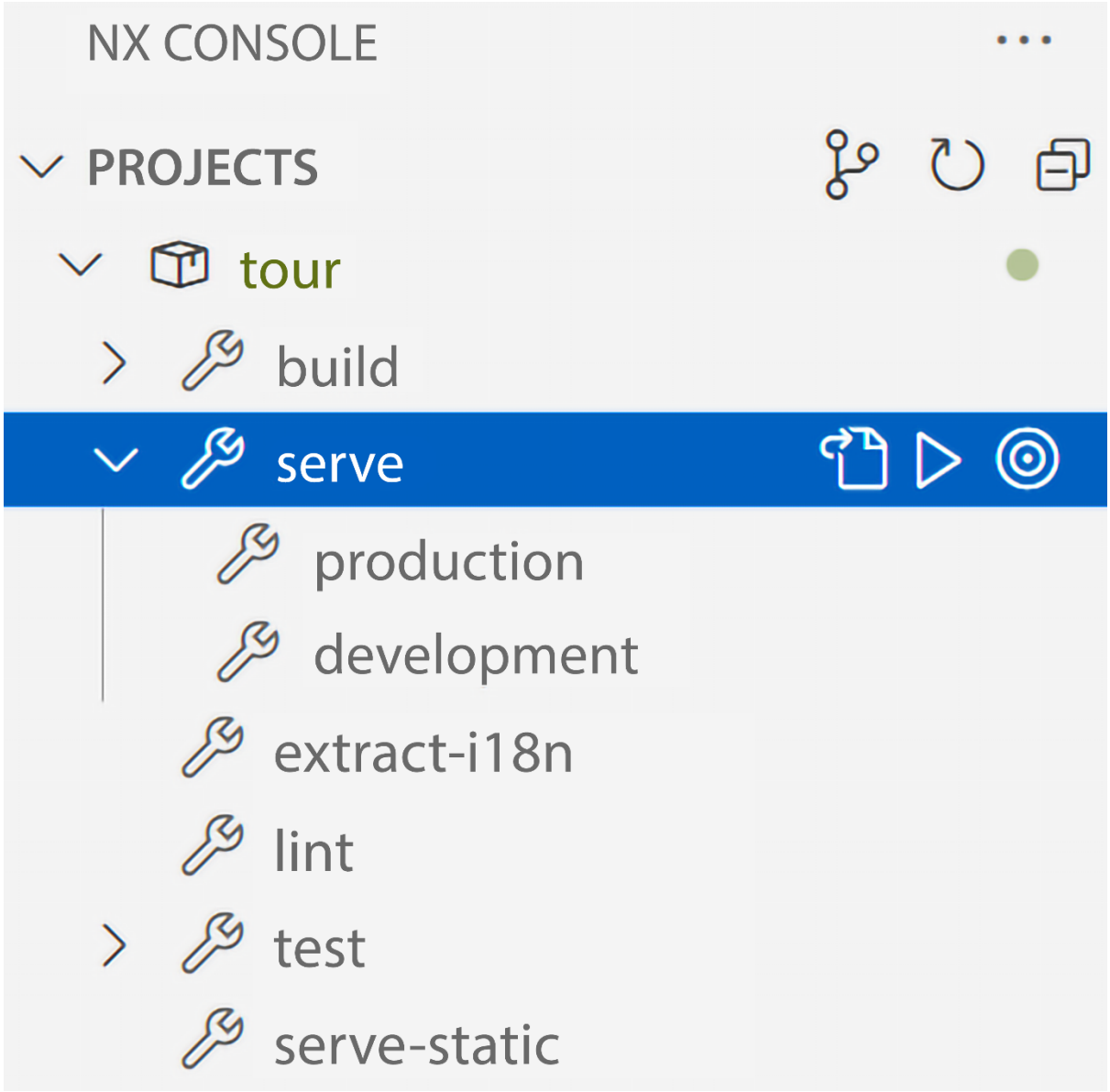





```
▼<head>
  <meta charset="utf-8">
  <title>GitHub portfolio app</title>
  <base href="/">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="icon" type="image/x-icon" href="favicon.ico">
  <link rel="stylesheet" href="styles.css">
▶ <style>…</style>
▶ <style>…</style>
▶ <style>…</style>
▶ <style>…</style>
▶ <style>…</style>
  <meta name="description" content="<Your GitHub login>'s GitHub portfolio">
  <meta name="author" content="<Your GitHub login>">
```

Chapter 8: Building an Enterprise Portal Using Nx Monorepo Tools and NgRx



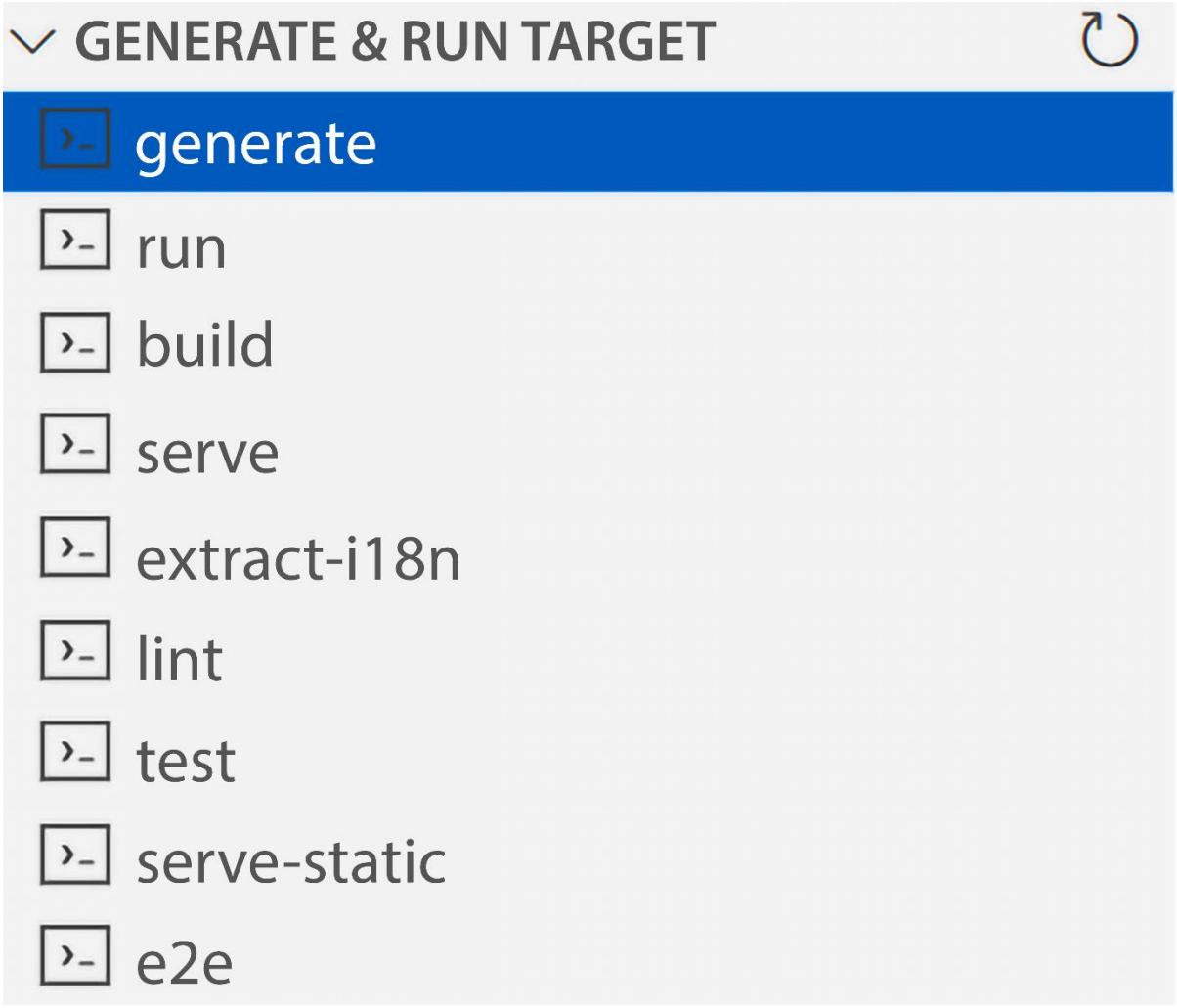


Hello there,

Welcome tour 👋

You're up and running

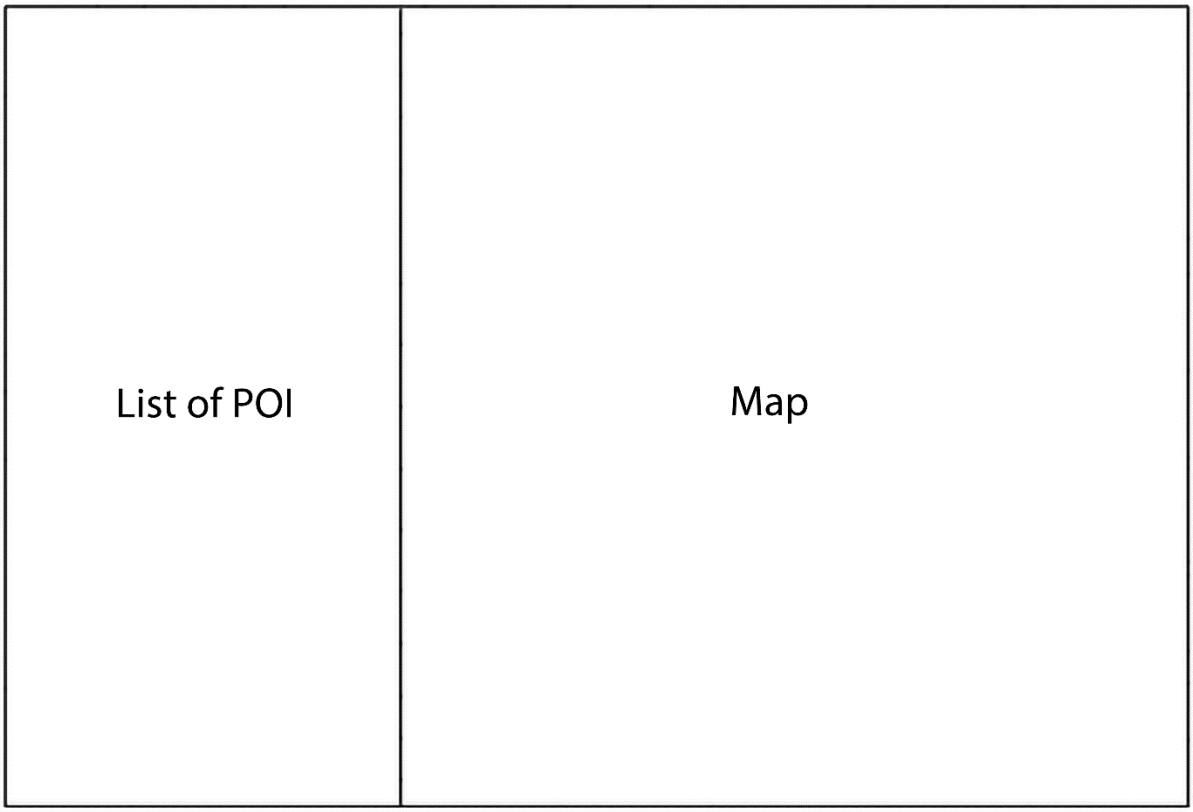
What's next?



name *

The name of the library.

visitor



name *

The name of the component.

visitor

project

The name of the project.

visitor

flat

☑ Flag to indicate if a dir is created.

path

The path to create the component.

libs/visitor/src/lib

Menu

Link 1

Link 2

Link 3

visitor

name

Library name

admin

name *

The name of the component.

admin

project

The name of the project.

admin

flat

Create the new files at the top level of the current project.

path

The path at which to create the component file, relative to the current workspace. Default is a folder with the same name as the component in the project root.

libs/admin/src/lib

admin works!

Menu

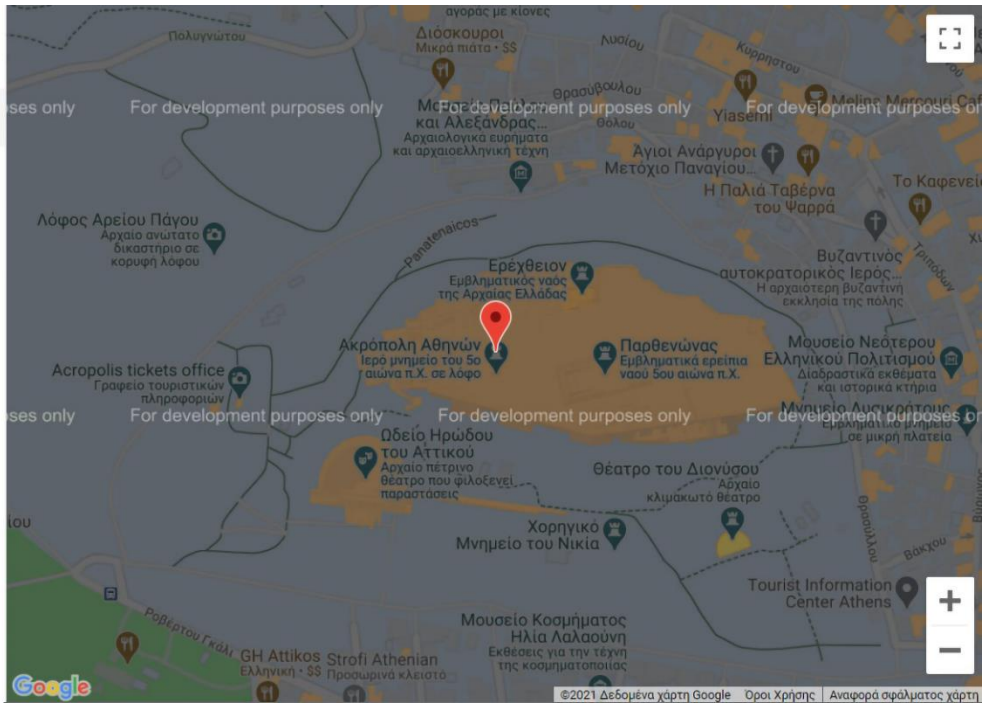
Acropolis

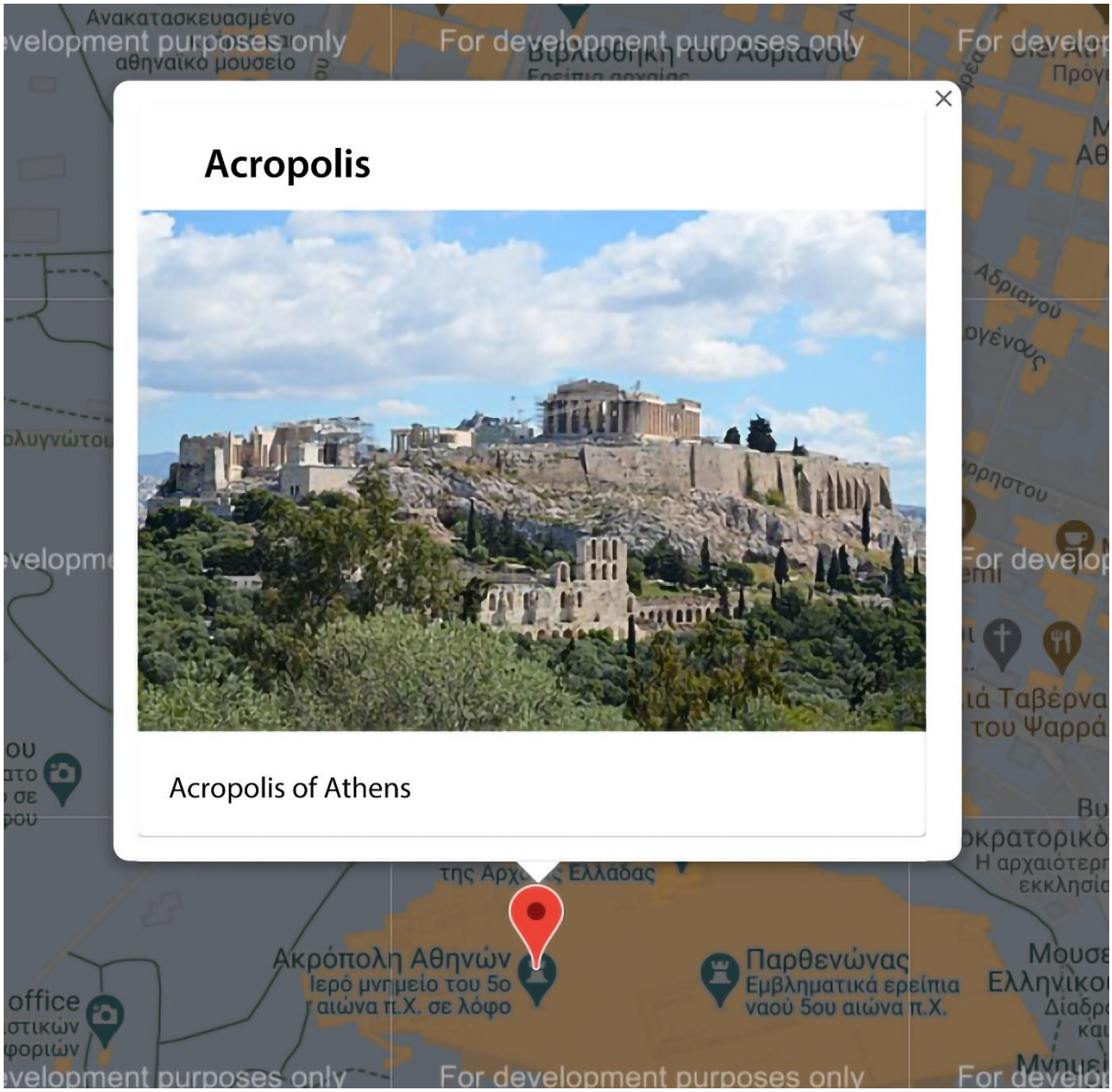
Delphi

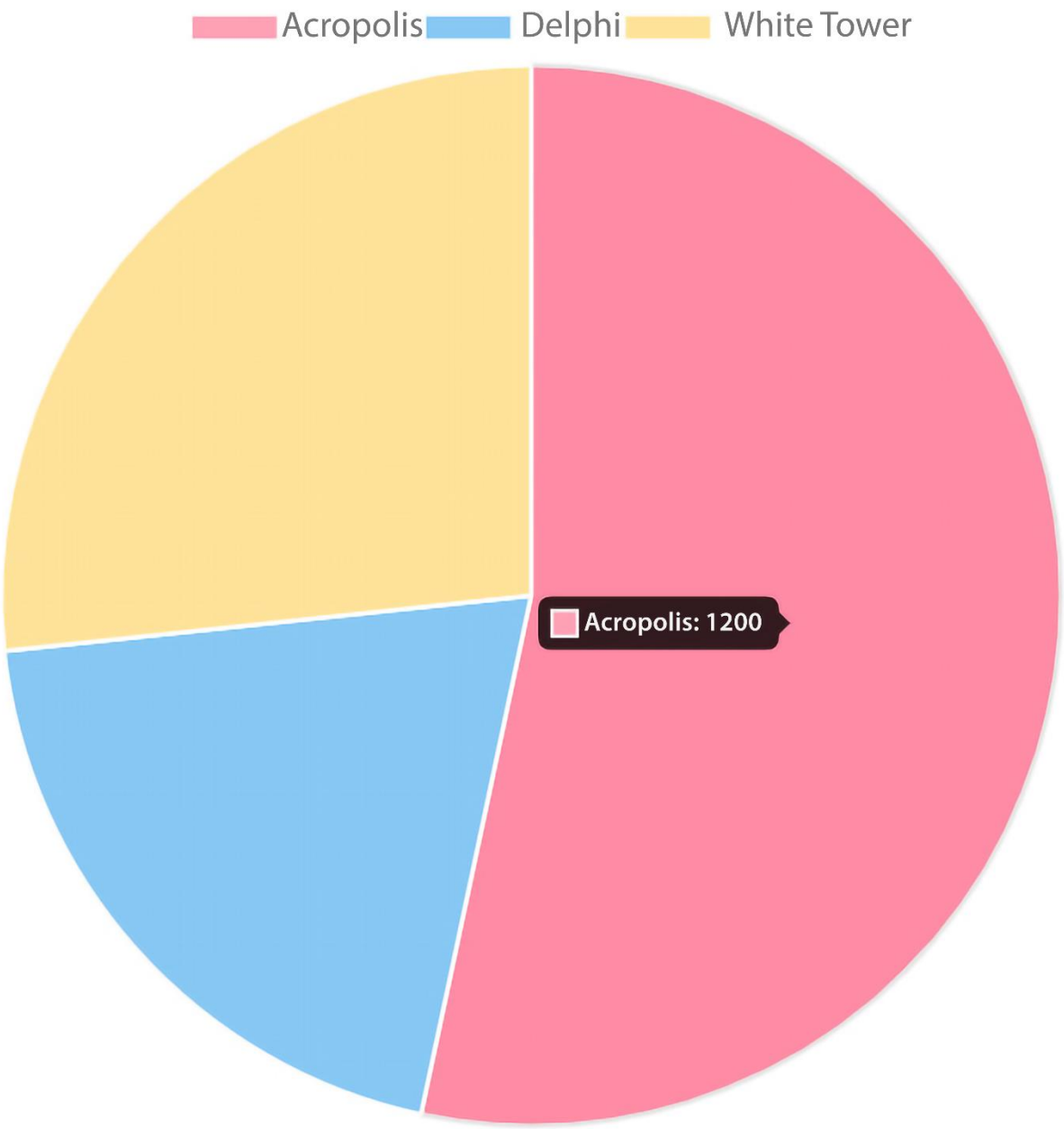
White Tower

Menu

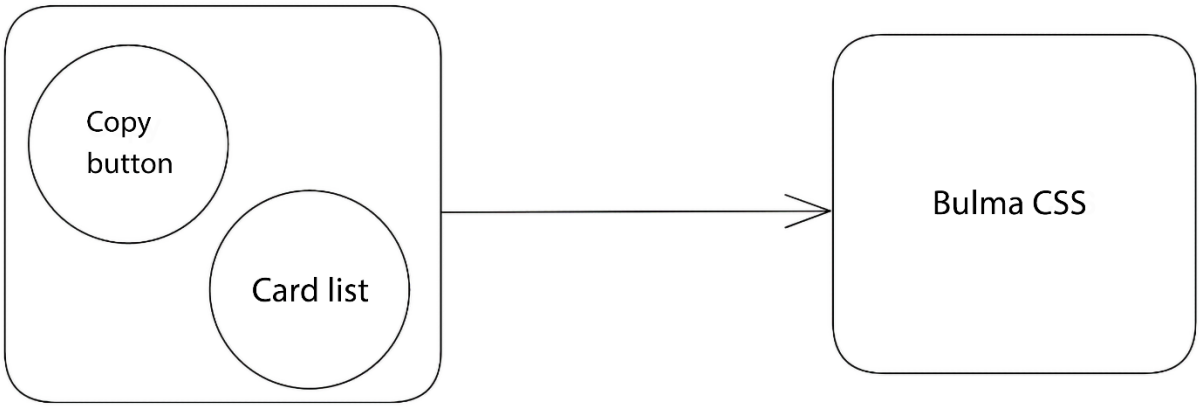
- Acropolis
- Delphi
- White Tower




Acropolis
Acropolis of Athens
For development purposes only
Ακρόπολη Αθηνών
Ιερό μνημείο του 5ο
αιώνα π.Χ. σε λόφο
Παρθενώνας
Εμβληματικά ερείπια
ναού 5ου αιώνα π.Χ.


Acropolis
Delphi
White Tower
Acropolis: 1200

Chapter 9: Building a Component UI Library Using Angular CLI and Angular CDK




```
------------------------------------------------------------------------------
Building entry point 'ui-controls'
------------------------------------------------------------------------------
✓ Compiling with Angular sources in Ivy partial compilation mode.
✓ Generating FESM2020
✓ Generating FESM2015
✓ Copying assets
✓ Writing package manifest
```

Assassins Creed Series

Assassins Creed	Assassins Creed II	Assassins Creed Black Flag	Assassins Creed Black Rogue
Altair Ibn-La Ahad	Ezio Auditore da Firenze	Edward Kenway	Shay Patrick Cormac
View on Wikipedia	View on Wikipedia	View on Wikipedia	View on Wikipedia

Clipboard interaction

my-components Copy

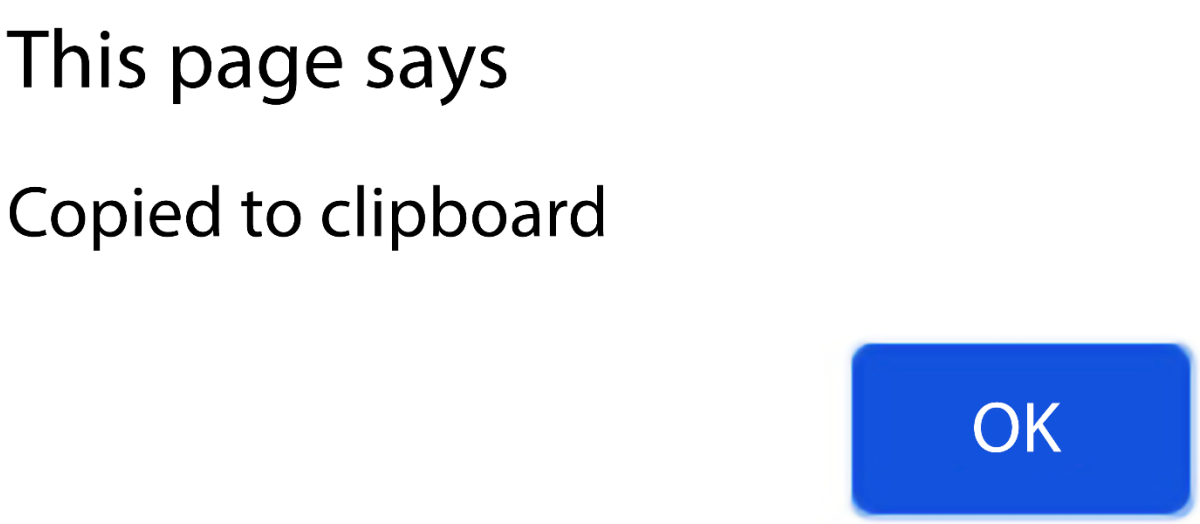
localhost:4200 says

my awesome library copied to the clipboard

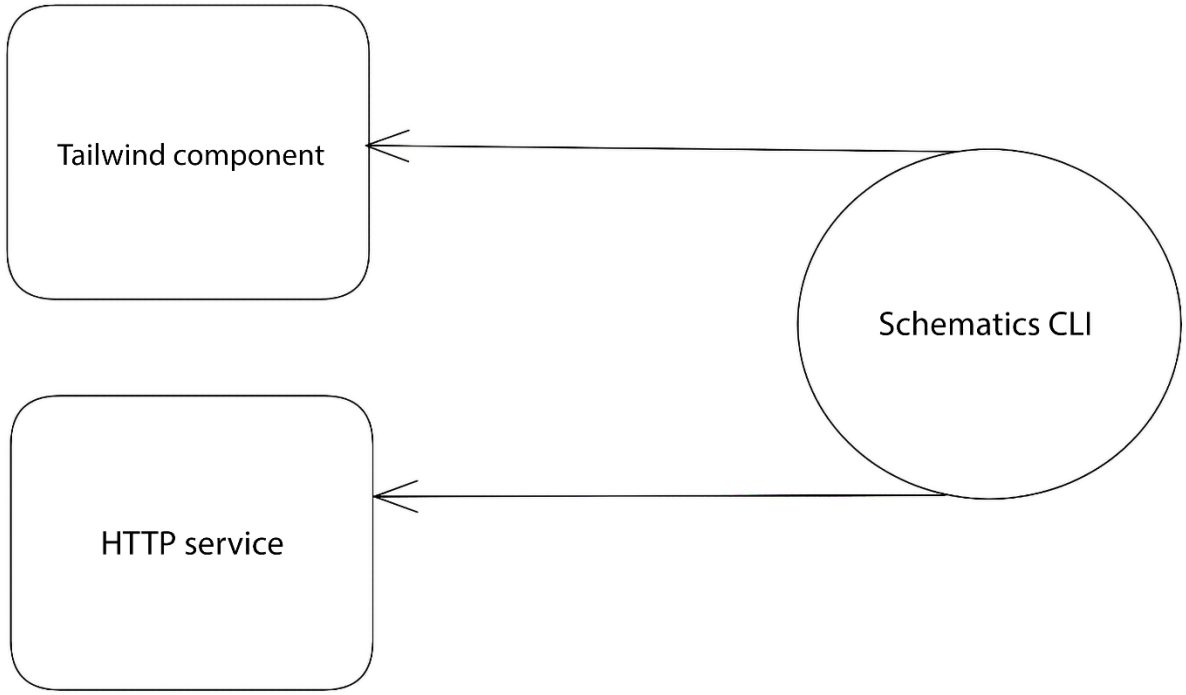
OK

My Angular Element

Copy


This page says
Copied to clipboard
OK

Chapter 10: Customizing Angular CLI Commands Using Schematics




```
CREATE src/app/dashboard/dashboard.component.html (39 bytes)
CREATE src/app/dashboard/dashboard.component.ts (178 bytes)
```

```
CREATE src/app/customers.service.spec.ts (372 bytes)
CREATE src/app/customers.service.ts (345 bytes)
```