

CLI

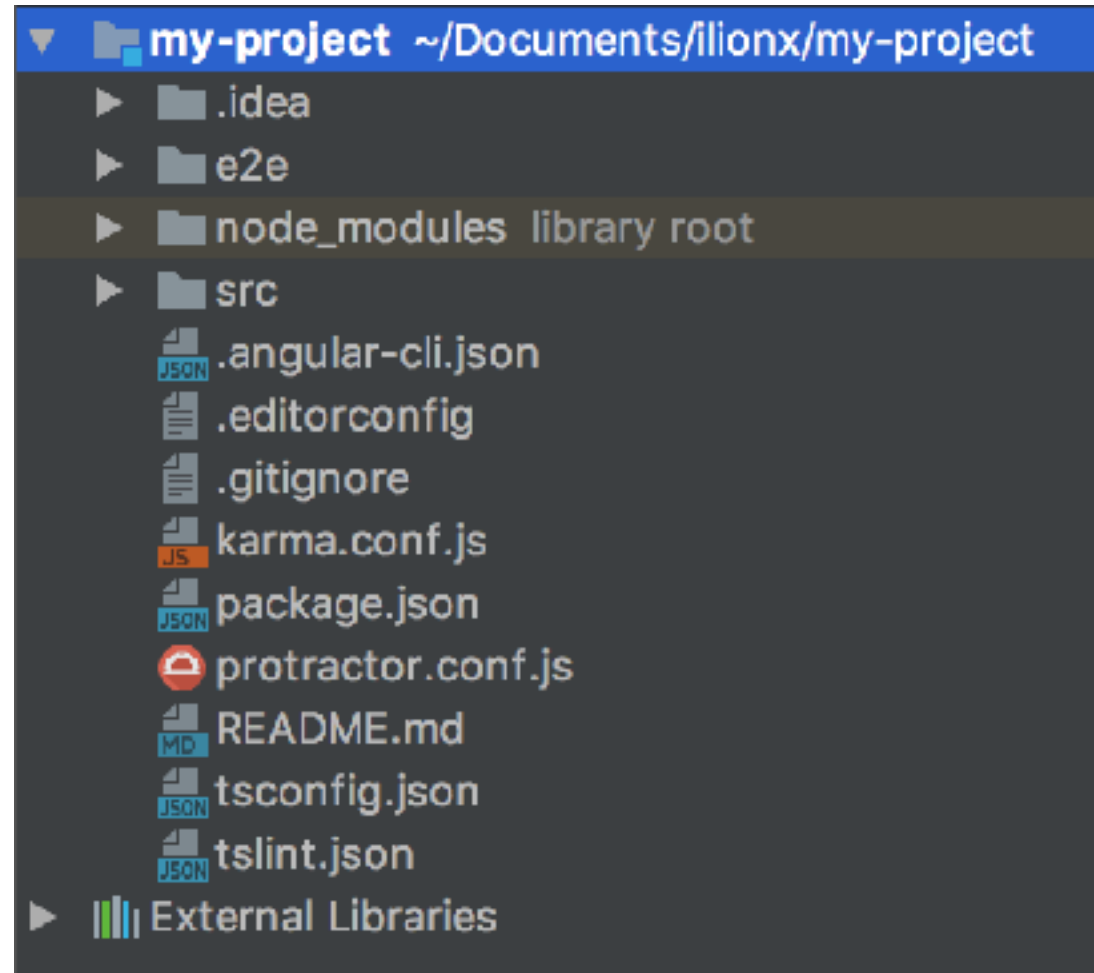


CLI Purpose

- SDK
- Easy configuration
- Works out of the box

Makes your life easier

NG new my-project



NG Serve

Dev Server

Typescript compilation

UI Build

```
> json-path@0.0.0 start /Users/AHoek
```

Webpack

```
** NG Live Development Server is lis
```

```
L1> json-path@0.0.0 start /Use
```

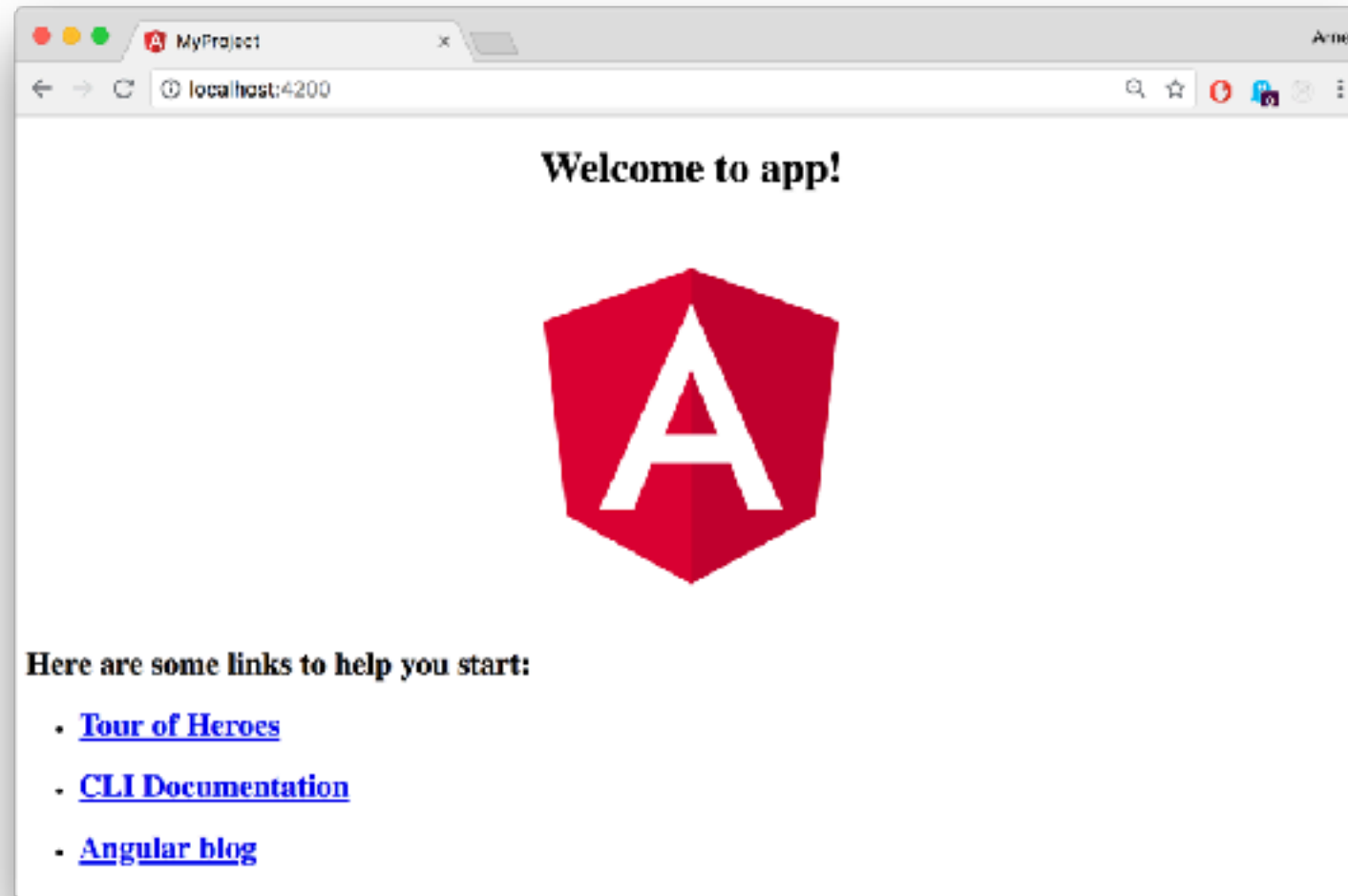
```
> ng serve
```

```
** NG Live Development Server
```

```
41% building modules 259/28w
```

```
** NG Live Development Server is listening on localhost:4200, open your br
> Date: 2018-05-04T11:56:23.886Z
> Hash: e21266b72ebae2215fa0
Time: 10158ms
* chunk {inline} inline.bundle.js (inline) 3.85 kB [entry] [rendered]
D chunk {main} main.bundle.js (main) 20.6 kB [initial] [rendered]
H chunk {polyfills} polyfills.bundle.js (polyfills) 554 kB [initial] [render
T chunk {styles} styles.bundle.js (styles) 41.5 kB [initial] [rendered]
C chunk {vendor} vendor.bundle.js (vendor) 9.86 MB [initial] [rendered]
C
C webpack: Compiled successfully.
C webpack: Compiling...
C Date: 2018-05-04T11:58:38.299Z - Hash: 4db5a5f8cd0bc5ebc0e2 - Time: 546ms
C 5 unchanged chunks
C
C webpack: Compiled successfully.
```

NG Serve



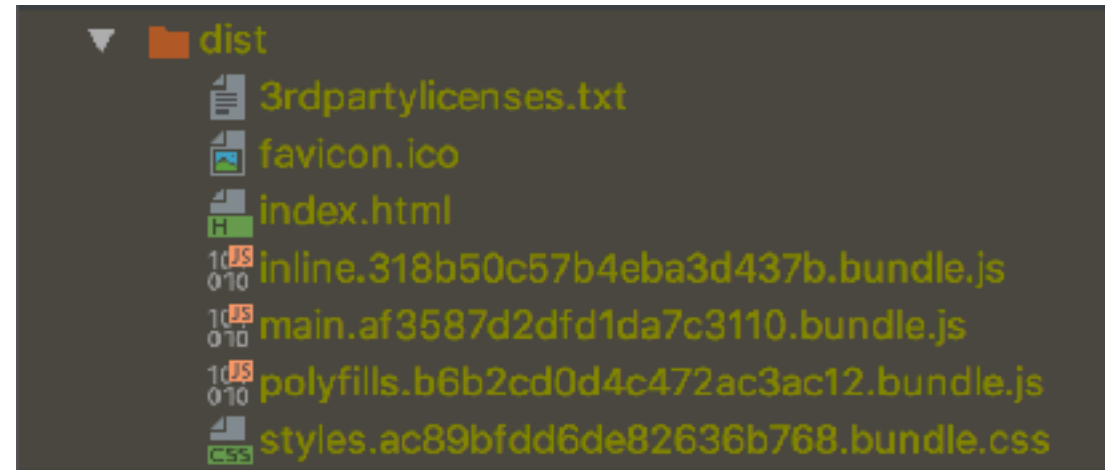
NG Build —env

Typescript compilation

AOT Build

Tree shaking

Webpack



NG Test



NG e2e

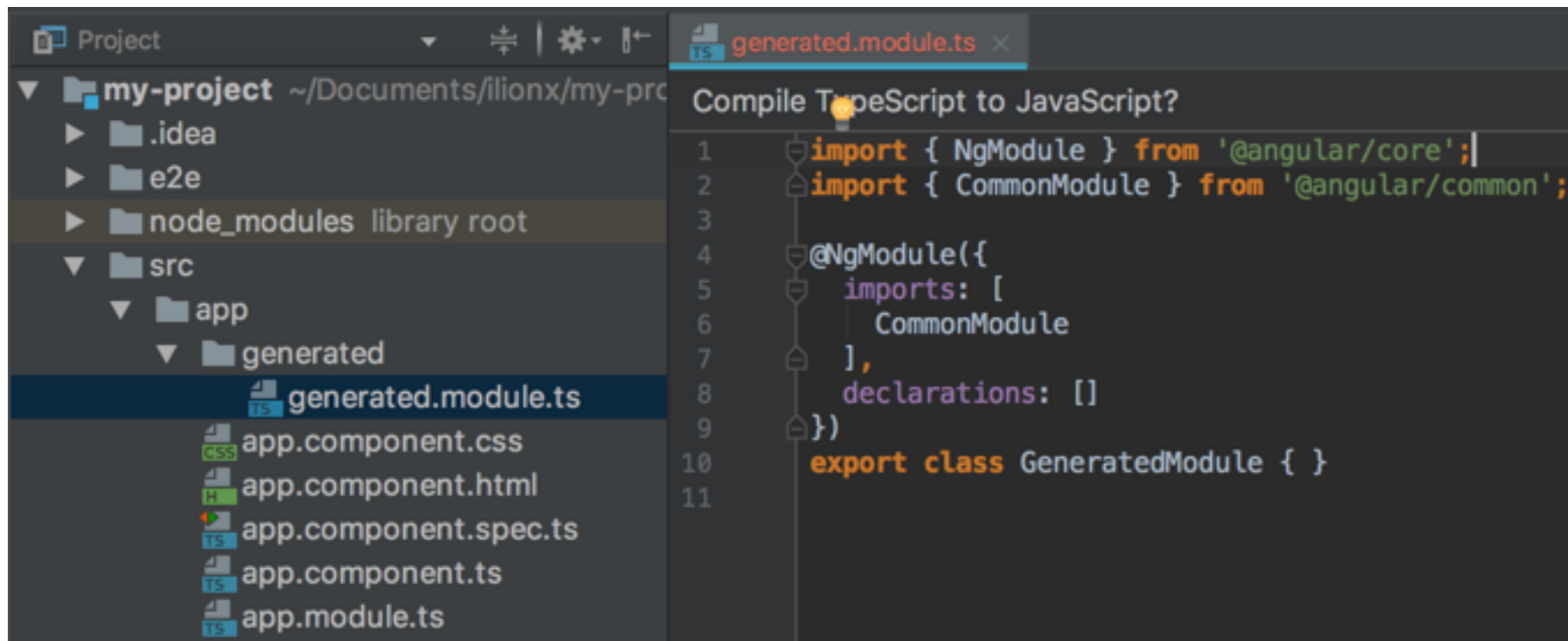
```
[14:29:04] I/direct - Using ChromeDriver directly...
Jasmine started

my-project App
  ✓ should display welcome message

Executed 1 of 1 spec SUCCESS in 0.51 sec.
[14:29:05] I/launcher - 0 instance(s) of WebDriver still running
[14:29:05] I/launcher - chrome #01 passed
```


NG generate module generated

```
MacBook-Pro-3:app AHoek$ ng generate module generated  
create src/app/generated/generated.module.ts (193 bytes)
```

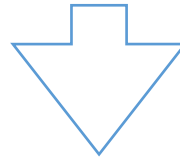


The screenshot shows an IDE with a project explorer on the left and a code editor on the right. The project explorer shows a directory structure for 'my-project' with a 'src/app/generated' folder containing 'generated.module.ts'. The code editor displays the content of 'generated.module.ts', which includes imports for 'NgModule' and 'CommonModule' from '@angular/core' and '@angular/common' respectively. It also shows the '@NgModule' decorator with 'imports' and 'declarations' arrays, and an 'export class GeneratedModule' declaration.

```
1 import { NgModule } from '@angular/core';  
2 import { CommonModule } from '@angular/common';  
3  
4 @NgModule({  
5   imports: [  
6     CommonModule  
7   ] ,  
8   declarations: []  
9 })  
10 export class GeneratedModule { }  
11
```

NG lint —fix

```
import { CommonModule } from "@angular/common";
```



```
MacBook-Pro-3:my-project AHoek$ ng lint --fix  
Fixed 1 error(s) in /Users/AHoek/Documents/ilionx/my-project/src/app/generated/generated.module.ts
```



```
import { CommonModule } from '@angular/common';
```

NG update

```
=====
The Angular CLI configuration format has been changed, and your existing configuration can
be updated automatically by running the following command:
```

```
ng update @angular/cli
```

NG add

- Generates all source for a specific feature
- For example:
 - PWA
 - Material