

which file runs first in an angular 4 app when i run the app?

Asked 11 months ago Active 1 month ago Viewed 2k times



4



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I'm using angular 4 and I have a question. when I run the project and use ng serve, which file in my project renders first? there are so many files like `main.ts` , `angular-cli.json` , `app.module` and I don't understand whats going on when I run ng serve.

javascript



angular

typescript

angular-cli

asked Aug 5 '18 at 5:26



fariba.j

206 4 20

i have edited my answer with more details, choose it as answer if you feel that has better explanation – [Sajeetharan](#) Aug 5 '18 at 6:15

3 Answers



4



`angular.json` -> angular-cli configuration file `main.ts` -> Angular module bootstrap application file. Set the entry module for your application. `app.module.ts` -> Based upon your entry module, it configures which component will load first from that module and what others dependency modules, components, pipes, services.

answered Aug 5 '18 at 5:34



Abhishek

277 1 4

and how about `index.html`? – [fariba.j](#) Aug 5 '18 at 5:40


`index.html` is the page that's requested by the browser, so it will be the very first thing that loads – [user184994](#) Aug 5 '18 at 5:44

This is the template entry point (see in `angular.json`). Once the component loads it search for that selector (mentioned in `index.html`) in `app.component.ts` file otherwise will throw error. IMO – [Abhishek](#) Aug 5 '18 at 5:46

 In Angular app,

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Index.html is the start and it then main.ts

 After Index.html , main.ts . Which tells which file to run. Which is mainly to bootstrap

main.ts is the entry point of your application, compiles the application with just-in-time and bootstraps the application .Angular can be bootstrapped in multiple environments we need to import a module specific to the environment. in which angular looks for which module would run first.

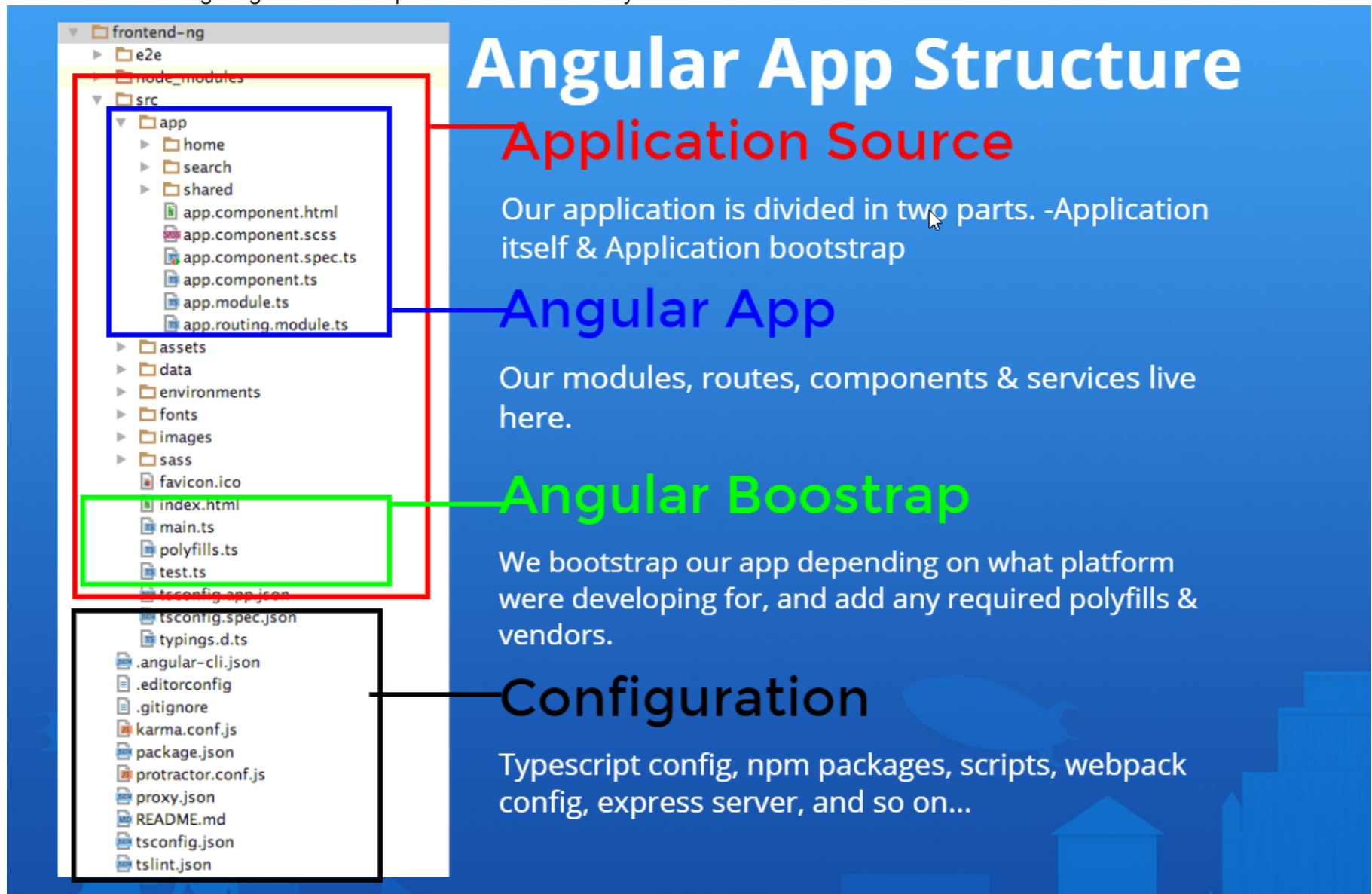
```
// The browser platform with a compiler
```

```
import { platformBrowserDynamic } from '@angular/platform-browser-dynamic';
```

```
// The app module
```

```
import { AppModule } from './app/app.module';
```

Look at the following diagram which explains the structure very well.



edited Aug 5 '18 at 6:15

answered Aug 5 '18 at 5:30



Sajeetharan

136k 31 201 259

7/30/2019

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Only one thing which is stranger, if you add a 'console.log' before '@Component({' of 'app.component.ts', you will find that one will be called first.

answered Jun 12 at 4:56



[John Zuo](#)

11 1