

Exercise (Instructions): Building and Deploying the Angular Application

Objectives and Outcomes

In this exercise you will learn to use the Angular CLI to build a distribution folder with the set of application files that can be copied to a server to deploy your Angular application. At the end of this exercise you will be able to:

- Build your Angular application using the Angular CLI to create a distribution folder
- Deploy your application to a server by copying the built files to your server

Building the Distribution Folder

- To build the distribution folder containing your angular application, type the following at the prompt:

```
1 ng build --target=production
```

- You will note that the build process indicates an error in the Login component. Update the `login.component.ts` file as follows:

```
1 . . .  
2   user = {username: '', password: '', remember: false};  
3 . . .
```

- Save the changes and do a Git commit with the message "Build".
- Now rebuild your application using the same command as shown earlier. The CLI should build a distribution folder named `dist` containing all your application files.

Deploying your Angular Application

- To deploy your Angular application you need a server. Fortunately we already have the json-server available on our computer.
- Copy the contents of the `dist` folder to the public folder of your json-server
- Now your Angular application can be accessed at the link <http://localhost:3000/>
- If you are setting up a server on the cloud or anywhere, all that you need to do is copy the contents of the distribution folder to the server side to deploy your Angular application. The exact procedure

depends on the cloud service provider that you choose to use. Please consult their documentation to see the procedure to set up the server.

Conclusions

In this exercise you learnt to use the Angular CLI to build and deploy your Angular application.

Mark as completed

