

Chapter-2.5 – Styling With Bootstrap

Bootstrap

We can build fast, responsive sites with Bootstrap. Official website of bootstrap is

<https://getbootstrap.com/>



Jump right into building with Bootstrap—use the CDN, install it via package manager, or download the source code.

Adding Bootstrap to your Angular project

Using CDN Link:

Angular is used to develop SPA (Single Page Application), in an Angular project the Index.html is the page which contains <html>, <body> etc. tag denoting SPA of application. So, if we add a CDN link of Bootstrap to the head section of Index.html it will be available to entire application.

Here we will be using CDN provided by Bootstrap website. Use following in Index.html head section.

```
<!-- Latest compiled and minified CSS -->
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">
<!-- Latest compiled JavaScript -->
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>
```

The above method can be used just for learning purpose, it is a good practice that you properly install bootstrap package to the application.

Installing Bootstrap

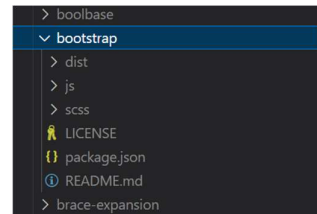
Open the terminal or command prompt.
Navigate to the root directory of your project.
Run the command

npm i bootstrap

```
PS D:\AngularDemo\Demos\CH3\my-first-project> npm install bootstrap
added 2 packages, and audited 969 packages in 2s
149 packages are looking for funding
run 'npm fund' for details
found 0 vulnerabilities
PS D:\AngularDemo\Demos\CH3\my-first-project>
```

This command installs the latest Bootstrap package from the npm (Node Package Manager) registry along with the dependencies required by Bootstrap.

Bootstrap package files will be saved in the node_modules directory within your project.



Now, Open the angular.json file of your project and include:

node_modules/bootstrap/dist/css/bootstrap.css in the projects->architect->build->styles array

node_modules/bootstrap/dist/js/bootstrap.js in the projects->architect->build->scripts array

Started updating as on July 18th, 2024

```
my-first-project : {  
  "architect": {  
    "build": {  
      "options": {  
        },  
      ],  
      "styles": [  
        "node_modules/bootstrap/dist/css/bootstrap.css",  
        "src/styles.css"  
      ],  
      "scripts": ["node_modules/bootstrap/dist/js/bootstrap.js"]  
    },  
    "configurations": {  
      }
```

Now you can check bootstrap in application:

```
<button type="button" class="btn">Basic</button>  
<button type="button" class="btn btn-default">Default</button>  
<button type="button" class="btn btn-primary">Primary</button>  
<button type="button" class="btn btn-success">Success</button>  
<button type="button" class="btn btn-info">Info</button>  
<button type="button" class="btn btn-warning">Warning</button>  
<button type="button" class="btn btn-danger">Danger</button>  
<button type="button" class="btn btn-link">Link</button>
```

Basic Default Primary Success Info Warning Danger [Link](#)

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