

# How to add bootstrap in angular 6 project? [duplicate]



32

This question already has an answer here:

[How to use bootstrap 4 in angular 2?](#) 11 answers



[app.component.html](#)



[index.html](#)

25

[app.component.ts](#) I have tried to add styles dependency in angular.json package but showing that the module not found. adding two of the bootstrap files. here is the screenshot of both the files

the angular.json file is like this [angular.json file](#)

javascript

html



angular

angular-ui-bootstrap

edited May 12 '18 at 10:59

asked May 11 '18 at 10:22



[nikhil sugandh](#)

1,900

3

10

24

**marked** as duplicate by [Nick A, S.M.](#), [Thaadikkaaran](#), [Alexan](#), [StaxMan](#) May 11 '18 at 18:26

This question has been asked before and already has an answer. If those answers do not fully address your question, please [ask a new question](#).

1 Show us what you have tried. – [Dimitar Tsonev](#) May 11 '18 at 10:59

@Phil I doubt it's not duplicate OP is unaware of the angular version he is using, he has mentioned about `angular.json` file which is used in angular 6 – [Vikas](#) May 11 '18 at 14:09

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## 4 Answers



You are using Angular v6 not 2

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### Angular v6 Onwards



CLI projects in angular 6 onwards will be using `angular.json` instead of `.angular-cli.json` for build and project configuration.



Each CLI workspace has projects, each project has targets, and each target can have configurations. [Docs](#)

```
. {
  "projects": {
    "my-project-name": {
      "projectType": "application",
      "architect": {
        "build": {
          "configurations": {
            "production": {},
            "demo": {},
            "staging": {},
          }
        },
        "serve": {},
        "extract-i18n": {},
        "test": {},
      }
    },
    "my-project-name-e2e": {}
  }
}
```

### OPTION-1

execute `npm install bootstrap@4 jquery --save`

The JavaScript parts of Bootstrap are dependent on `jQuery`. So you need the `jQuery` JavaScript library file too.

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i.e you can provide an absolute path instead of a relative path

In `.angular-cli.json` file Path was `"../node_modules/"`

In `angular.json` it is `"node_modules/"`

```
"build": {
  "builder": "@angular-devkit/build-angular:browser",
  "options": {
    "outputPath": "dist/ng6",
    "index": "src/index.html",
    "main": "src/main.ts",
    "polyfills": "src/polyfills.ts",
    "tsConfig": "src/tsconfig.app.json",
    "assets": [
      "src/favicon.ico",
      "src/assets"
    ],
    "styles": [
      "src/styles.css", "node_modules/bootstrap/dist/css/bootstrap.min.css"
    ],
    "scripts": [
      "node_modules/jquery/dist/jquery.min.js",
      "node_modules/bootstrap/dist/js/bootstrap.min.js"
    ]
  },
}
```

## OPTION 2

Add files from CDN (Content Delivery Network) to your project [CDN LINK](#)

Open file `src/index.html` and insert

- the `<link>` element at the end of the head section to include the Bootstrap CSS file
- a `<script>` element to include jQuery at the bottom of the body section
- a `<script>` element to include Popper.js at the bottom of the body section
- a `<script>` element to include the Bootstrap JavaScript file at the bottom of the body section

```
<!doctype html>
<html>
```

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```

    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">
  </head>
  <body>
    <app-root>Loading...</app-root>
    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtIkVYIK3UENzmM7KCKRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"
integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"
crossorigin="anonymous"></script>
    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"
integrity="sha384-JZR6Spejh4U02d8j0t6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmY1"
crossorigin="anonymous"></script>
  </body>
</html>

```

### OPTION 3

Execute `npm install bootstrap`

In `src/styles.css` add the following line:

```
@import "~bootstrap/dist/css/bootstrap.css";
```

### OPTION-4

[ng-bootstrap](#) It contains a set of native Angular directives based on Bootstrap's markup and CSS. As a result, it's not dependent on jQuery or Bootstrap's JavaScript

```
npm install --save @ng-bootstrap/ng-bootstrap
```

After Installation import it in your root module and register it in `@NgModule imports` array`

```

import {NgbModule} from '@ng-bootstrap/ng-bootstrap';
@NgModule({
  declarations: [AppComponent, ...],
  imports: [NgbModule.forRoot(), ...],
  bootstrap: [AppComponent]
})

```

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```
"styles": [
  "src/styles.css",
  "node_modules/bootstrap/dist/css/bootstrap.min.css"
],
```

edited Jun 28 '18 at 7:07

answered May 11 '18 at 14:06



Vikas

6,663 4 21 44

the simple bootstrap is working but the container class bootstrap isnt – [nikhil sugandh](#) May 12 '18 at 11:55

That should not be the case create a stackblitz without code i cant' help you – [Vikas](#) May 12 '18 at 12:00

you have already added bootstrap in your `angular.json` the links and script in your `index.html` is redundant and see if it works – [Vikas](#) May 12 '18 at 12:56

3 Don't forget to re-start 'ng serve' – [Mark](#) Aug 8 '18 at 10:20

2 @Vikas you're welcome to disagree, but no angular2+ solution involving jQuery is "community-wide" accepted. jQuery greatly interferes with how angular2+ handles the DOM and causes more headaches than not. – [Seiyria](#) Jan 7 at 19:35



`npm install --save bootstrap`

9



afterwards, inside `angular.json` (previously `.angular-cli.json`) inside the project's root folder, find `styles` and add the bootstrap css file like this:

```
"styles": [
  "../node_modules/bootstrap/dist/css/bootstrap.min.css",
  "styles.css"
],
```

edited Jul 16 '18 at 10:09



Amine Jelloul

answered May 11 '18 at 10:28



Iqbal Mishra

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npm install bootstrap --save

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and add relevant files into `angular.json` file under the `style` property for CSS files and under `scripts` for JS files.

```
"styles": [  
  "../node_modules/bootstrap/dist/css/bootstrap.min.css",  
  ....  
]
```

answered May 11 '18 at 10:29



[Pardeep Jain](#)

45.5k 20 106 153

is `--save` still required? I guess I somewhere read that it is not required if you're using npm > v5. – [AD8](#) Jun 13 '18 at 10:21

1 Nope, you still need to add `--save` in order to update `package.json` as per my knowledge – [Pardeep Jain](#) Jun 13 '18 at 10:23

if all that `--save` does is add a dependency to `package.json` then I can confirm it is not required if using npm v5.6.0. Just confirmed that on test angular project. :-)

– [AD8](#) Jun 13 '18 at 10:25

Ohh that is great if so, haven't tried yet !! – [Pardeep Jain](#) Jun 13 '18 at 10:26

1 yeah, but other options like `--save-dev` and the other one for optional dependency would still require explicit flag. – [AD8](#) Jun 13 '18 at 10:28

using command

1

npm install bootstrap --save

open `.angular.json` old (`.angular-cli.json`) file find the "styles" add the bootstrap CSS file

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edited Jan 3 at 11:12



Nadeem Qasmi

359 2 7

answered May 11 '18 at 10:29



lpd

105 9

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