

# How to add Bootstrap to an Angular application

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## Condition

Before you begin, you need to install and configure the tools below to create your Angular application.

1. Git : Use this version control system to synchronize repositories.
2. Node.js and npm: Node.js is a JavaScript runtime code tool based on Google's V8 engine. Npm is a package manager for Node.js (Node Package Manager). These tools are used to build and run Angular applications, as well as install libraries.
3. Angular CLI: This is a command-line utility tool for Angular. We will use it to create the basic structure for our Angular app.
4. An IDE, like Visual Studio Code or WebStorm, is a graphical interface tool that helps you develop applications.

## How to create an Angular application

Angular is a programming platform for building web, mobile, and desktop apps using HTML, CSS, and TypeScript. To create applications with the Angular framework, you can use `@angular/cli` routing files and

SCSS formatting.

```
ng new angular-bootstrap ? Would you like to add Angular routing? Yes ? Which style
? Packages installed successfully. Successfully initialized git.
```

Now we need to install Bootstrap and its libraries `bootstrap-icons`, which contain the files with Bootstrap styles and JavaScript code as follows:

```
npm install bootstrap bootstrap-icons
```

After installation, we will configure the Bootstrap libraries `bootstrap-icons`. Modify the file `angular.json` and add the following files `bootstrap.scss`, `bootstrap-icons.css`, `bootstrap.bundle.min.js` as shown below:

```
"styles": [ "node_modules/bootstrap/scss/bootstrap.scss", "node_modules/bootstrap
```

Now we will install the `@ng-bootstrap/ng-bootstrap` Angular support library:

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

After installation, we will import the module `NgbModule`. Modify the file `app.module` and add the lines below:

```
import { NgbModule } from '@ng-bootstrap/ng-bootstrap'; imports: [ BrowserModule
```

Now we will remove the contents of the `AppComponent` class from the file `src/app/app.component.ts`. Import the service `NgbModal` and create an `open` method to open a modal as shown below.

```
import { Component } from '@angular/core'; import { NgbModal } from '@ng-bootstrap
```

Next, we will delete the contents of the file `src/app/app.component.html`. Add some HTML elements to view and inspect the elements as shown below.

## Angular Bootstrap

■

1. Gate
2. Link
3. Dropdown
  1. Action
  2. Another action

---

3. Something else here
4. Disabled

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