Remotestack.io

Search …

Angular 14 Bootstrap 5 Modal Popup Tutorial Example

Posted on: February 27, 2021 | By: remotestack – Comments Off

Angular Bootstrap modal popup tutorial; Throughout this tutorial, you will find out how to create Bootstrap Modal in Angular application using the ng-bootstrap package.

Ideally, the modal popup is a primary user interface component used to display essential information over the existing web page; in this example, you will learn to use a bootstrap modal in the angular platform to display primary data to users.

additionally, we will install it into the angular project and take the Ng
Bootstrap library's help to create a modal popup in angular.

The **ng-boottrap** package offers tons of reusable Bootstrap widgets;
this library doesn't require any third-party JavaScript dependencies
and makes your development work facile.

Here are the instructions that will help you integrate modal in
angular with bootstrap:

Angular 14 Bootstrap 5 Modal Popup Integration Example

- **Step 1:** Install Angular App

- **Step 2:** Add Bootstrap Package

- **Step 3:** Set Up NgBootstrap

- **Step 4:** Register NgbModule in Main Module

- **Step 5:** Implement Modal Popup in Angular

- **Step 7:** Start Development Server

Install Angular App

Make sure you have an angular command-line interface tool added to your development system. However, if not, then you can execute the recommended command from the terminal.

```
npm install -g @angular/cli
```

Now, you are allowed to go to the next step, hence use the given below command to create an angular app:

```
ng new ng-demo-app
```

Move to the project root:

```
cd ng-demo-app
```

The latest version of Angular comes with strict mode, you have to manually disable the strict mode you can set `"strict": false`, `"noImplicitReturns": false` and `"strictTemplates": false` inside the compilerOptions and angularCompilerOptions in **tsconfig.json** file.

Add Bootstrap Package

Next, again on the console type npm command to install bootstrap package, this package will be the basic building block of angular modal popup example.

```
npm install bootstrap
```

Subsequently, add the bootstrap CSS inside the angular.json file as we have shown in the example code below:

```
...
...
],
```

```
      "node_modules/bootstrap/dist/css/bootstrap.min.css"
   ]
   ...
   ...
```

Set Up NgBootstrap

Let us execute the displayed command and add the NgBootstrap library into the angular project; theoretically, this package is used with Bootstrap in angular.

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

Register NgbModule in Main Module

Get inside the **app/app.module.ts** file, import NgbModule from the '@ng-bootstrap/ng-bootstrap' package, plus add the module into the imports array.

```
import { BrowserModule } from '@angular/platform-browser';
import { NgModule } from '@angular/core';
```

```
import { AppComponent } from './app.component';


import { NgbModule } from '@ng-bootstrap/ng-bootstrap';

@NgModule({
  declarations: [
    AppComponent
  ],
  imports: [
    BrowserModule,
    AppRoutingModule,
    NgbModule
  ],
  providers: [],
  bootstrap: [AppComponent]
})

export class AppModule { }
```

Implement Modal Popup in Angular

Create a button call the triggerModal() method using the click event,
plus pass the modal id to it. The ng-template directive evokes the

Open and insert given code in **app/app.component.html** file:

```html
<button class="btn btn-danger" (click)="triggerModal(modalData)">Open Modal<

<ng-template #modalData let-modal>
  <div class="modal-header">
    <h4 class="modal-title" id="modal-basic-title">Angular Bootstrap Modal Po
    <button type="button" class="close" aria-label="Close" (click)="modal.dis
      <span aria-hidden="true">×</span>
    </button>
  </div>
  <div class="modal-body">
    <p><strong>Are you sure you want to delete <span class="text-primary">"Ag

    <p>All data related to west view profile will be removed permanently.
    </p>
  </div>
  <div class="modal-footer">
    <button type="button" class="btn btn-danger" (click)="modal.close('Save c
  </div>
</ng-template>
```

Open and update suggested code in **app/app.component.ts** file:

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



@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.scss']
})

export class AppComponent {

  closeModal: string;

  constructor(private modalService: NgbModal) {}

  triggerModal(content) {
    this.modalService.open(content, {ariaLabelledBy: 'modal-basic-title'}).re
      this.closeModal = `Closed with: ${res}`;
    }, (res) => {
      this.closeModal = `Dismissed ${this.getDismissReason(res)}`;
    });
  }

  private getDismissReason(reason: any): string {
    if (reason === ModalDismissReasons.ESC) {
```

```
        return 'by clicking on a backdrop';
    } else {
        return `with: ${reason}`;
    }
    }

}
```
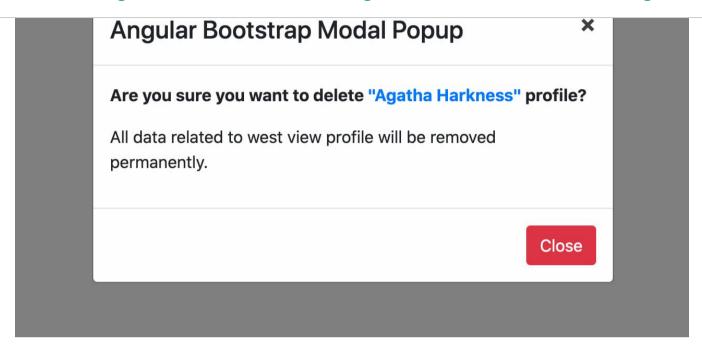
Start Development Server

Type ng serve command on the console and invoke the angular development sever:

```
ng serve
```

Test the modal in the angular app with suggested url:

```
http://localhost:4200
```

Conclusion

The Angular Bootstrap modal popup tutorial is over.

In this example, we shared how to implement the Bootstrap Modal popup in the Angular application and how to use it to display important information over the web page with the help of the ng-bootstrap library.

RELATED ARTICLES

Angular 14 FilePond Adapter Multiple Files Upload Tutorial

Angular 14 Show / Hide Div On Radio Button Click Tutorial

Angular 14 Form Validate Empty and White Spaces Tutorial