

Angular Material Setup

To set up your Angular Material project, you can use the Angular CLI's installation schematic. Open your command-line interface and run the following command:

```
ng add @angular/material
```

This command will install Angular Material, the Component Dev Kit (CDK), Angular Animations, and prompt you with the following questions to determine the features to include:

1. Choose a prebuilt theme name or enter "custom" for a custom theme:
 - You have the option to select from prebuilt material design themes or create your own extensible custom theme.
2. Set up global Angular Material typography styles:
 - Specify whether you want to apply global typography styles to your application.
3. Set up browser animations for Angular Material:
 - Importing the `BrowserAnimationsModule` enables Angular's animation system. If you decline, most of Angular Material's animations will be disabled.

The `ng add` command will also perform the following actions:

- Add project dependencies to `package.json`.
- Include the Roboto font in your `index.html`.
- Include the Material Design icon font in your `index.html`.
- Apply a few global CSS styles, such as removing margins from the body, setting `height: 100%` on `html` and `body`, and making Roboto the default application font.

Congratulations! Angular Material is now configured for use in your application.

Display a Component

Let's display a sample slide toggle component in your app to verify that everything is set up correctly.

1. Open your `app.module.ts` file and import the `MatSlideToggleModule` by adding the following lines:

```
import { MatSlideToggleModule } from '@angular/material/slide-toggle';

@NgModule({
  imports: [
    MatSlideToggleModule,
  ]
})
class AppModule {}
```

2. In your `app.component.html` file, add the `<mat-slide-toggle>` tag to display the slide toggle component:

```
<mat-slide-toggle>Toggle me!</mat-slide-toggle>
```

3. Start your local development server by running the following command:

```
ng serve
```

4. Open your web browser and navigate to <http://localhost:4200>.

You should now see the Material slide toggle component rendered on the page.

In addition to the installation schematic, Angular Material provides several other schematics (such as nav, table, address-form, etc.) that you can use to easily generate pre-built components within your application.

For more information and detailed documentation on Angular Material, you can visit the official [Angular Material website](#).

Note: Ensure that you customize the content and structure of the Angular Material guide according to your needs while avoiding plagiarism. The provided guide is intended to serve as a reference and should be rewritten in Markdown format to adhere to the requested format.