

Narration&Reference How to install Angular Material in Angular7

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How to install Angular Material in Angular7

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Required environment

In this video, I will show you how to install Angular Material in Angular7.

Angular 7 must be installed on the system, so please install it beforehand if you have not installed it yet.

Generating a project

First create a new project with a suitable name.

Type `ng new ng7Material01`.

`ng7Material01` is the project name and any name will do.

First of all, there is a question as to whether or not to add a routing function.

Let's say `y` here.

Next, since there is a choice of style sheet format, here we choose `scss`.

Then the project generation will start.

This process takes some time.

Once the project is created, go to that project directory.

Then type `code .` to start Visual Studio Code.

Installation of Angular Material

When the VS Code starts up, use the `Control + BackApostrophe` key to open the terminal window.

Then type `ng add @angular/material` to install Angular Material.

Then we have an inquiry about the color combination theme, so here we select the standard `indigo-pink`.

Next, since there is a question as to whether or not to set HammerJS, enter `y`.

Finally, since there is a question as to whether or not to use animation, enter `y`.

Then, re-editing such as `Package.json` file is done and installation is completed.

Confirm new features of Angular Material (drag & drop)

Here I would like to try out new features of Angular Material.

First, open the Angular Material Schematics <https://material.angular.io/guide/schematics> page in your browser.

And *Drag and Drop schematic* section is displayed, and its command line

```
ng generate @angular/cdk:drag-drop <component-name>
```

Copy.

Return to the VS Code and paste it on the command line.

You set the component name yourself appropriately.

I made it as a component name `mydragdrop` here.

This generation is over soon.

After checking the source, you can see that a new `mydragdrop` directory has been created.

Next, open the `mydragdrop.component.ts` file in this directory and copy the selector name.

Here, it is `app-mydragdrop`.

Next, open the `app.component.html` file and paste it as a tag on the bottom line.

Comment out all default HTML sentences.

Save this file.

Next, in the terminal window, enter `ng s -o` to start the local server and open the browser.

Since a list of 2 columns is displayed, try dragging and dropping each item.

It is OK.

Return to the VS Code and stop the local server with `Control + c` and `y` + `Return`.

We were able to confirm the operation of Angular Material in Angular7.

It is OK.

Thank you for your watching.

Reference

- "Schematics",
<https://material.angular.io/guide/schematics>
- "Angular Update Guide",
<https://update.angular.io/>
- "Version 7 of Angular—CLI Prompts, Virtual Scroll, Drag and Drop and more",
<https://blog.angular.io/version-7-of-angular-cli-prompts-virtual-scroll-drag-and-drop-and-more-c594e22e7b8c>
- "Angular5,Angular6,Angular7 Custom Library: Step-by-step guide",
<https://www.udemy.com/angular5-custom-library-the-definitive-step-by-step-guide/>
- "Angular5,Angular6,Angular7用 カスタムライブラリの作成: 完全ステップ・バイ・ステップ・ガイド",
<https://www.udemy.com/angular5-1/>