

# *Narration&Reference* How to install Angular7

Base File Name: NarrationReference\_Angular7\_Install\_ja\_05\_en

2018.10.22

## *How to install Angular7*

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### **Voice Data**

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To upgrade to Angular 7, there are two ways.

1. Project-level upgrade
2. System-wide upgrade (specify `-g` option)

### **1. Upgrade per project**

First of all, we need to grasp the current environment.

Type `ng -v` from the command line.

You can see that the version of Angular CLI is 6.0.8.

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Next, we will upgrade Angular based on this version.

Please note that you must be in the root directory of your project.

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First of all, search the page titled "Version 7 of Angular - CLI Prompts, Virtual Scroll, Drag and Drop and more" and open that page.

Please check the upgrade content of Angular7 here.

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Next, display *How to update to v7* on this page and click the *update.angular.io* link.

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Then, *Angular Update Guide* page opens, so first select the current Angular version.

Next, select *App Complexity*, *Other Dependencies*, and *Package manager*, and finally click the *Show me how to update* button.

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Then, the update method will be displayed in the lower row, please update according to this explanation.

The basic update command is :

```
ng update @angular/cli @angular/core
```

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## 2. System-wide installation and upgrade (with the `-g` option)

At first check the version of Node.js and npm.

Type `node --version`.

Type `npm --version`.

To install Angular 7, you need version 8 or later of Node.js.

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Next, install Angular 7.

Upgrading from other versions is the same operation.

Type `npm i -g @angular/cli`.

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When installation is completed, enter `ng --version` to check the version.

It is OK.

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Next, we are going to create some project and check the operation.

Type `ng new ng7test01`.

`ng7test01` is the project name, any name will do.

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First of all, there is a question as to whether or not to add a routing function, and here we are going to input `No`.

Next, there is a query on the style sheet format, and select the default `CSS`.

Then the project generation will start.

This process takes some time.

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Once the project is created, change into that project directory.

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

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Next, press the `Control + BackApostrophe` key to open a terminal window.

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When the VS Code opens, open the `Package.json` file and check the version.

Version 7 is displayed.

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In the terminal window, type `ng s -o` to start the local server and open the browser.

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Angular's default page is displayed.

It is OK.

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

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We were able to confirm the operation of Angular 7.

It is OK.

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Thank you for your watching.

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## Reference

- "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>
- "Angular 5, Angular 6 Custom Library: Step-by-step guide",  
<https://www.udemy.com/angular5-custom-library-the-definitive-step-by-step-guide/>
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<https://www.udemy.com/angular5-1/>