

ng new

Creates a new workspace and an initial Angular app.

ng new *<name>* [*options*]

ng n *<name>* [*options*]

Description

Creates and initializes a new Angular app that is the default project for a new workspace.

Provides interactive prompts for optional configuration, such as adding routing support. All prompts can safely be allowed to default.

- The new workspace folder is given the specified project name, and contains configuration files at the top level.
- By default, the files for a new initial app (with the same name as the workspace) are placed in the `src/` subfolder. Corresponding end-to-end tests are placed in the `e2e/` subfolder.
- The new app's configuration appears in the `projects` section of the `angular.json` workspace configuration file, under its project name.
- Subsequent apps that you generate in the workspace reside in the `projects/` subfolder.

If you plan to have multiple apps in the workspace, you can create an empty workspace by setting the `--createApplication` option to false. You can then use `ng generate application` to create an initial app. This allows a workspace name different from the initial app name, and ensures that all apps reside in the `/projects` subfolder, matching the structure of the configuration file.

Arguments

ARGUMENT	DESCRIPTION
<i><name></i>	The name of the new workspace and initial project.

Options

OPTION	DESCRIPTION
<code>--collection=<i>collection</i></code>	A collection of schematics to use in generating the initial app. Aliases: <code>-c</code>
<code>--commit=true false</code>	Initial git repository commit information. Default: <code>true</code>
<code>--createApplication=true false</code>	When true (the default), creates a new initial application project in the <code>src</code> folder of the new workspace. When false, creates an empty workspace with no initial app. You can then use the <code>generate application</code> command so that all apps are created in the <code>projects</code> folder. Default: <code>true</code>
<code>--defaults=true false</code>	When true, disables interactive input prompts for options with a default.
<code>--directory=<i>directory</i></code>	The directory name to create the workspace in.
<code>--dryRun=true false</code>	When true, runs through and reports activity without writing out results. Default: <code>false</code> Aliases: <code>-d</code>
<code>--force=true false</code>	When true, forces overwriting of existing files. Default: <code>false</code> Aliases: <code>-f</code>
<code>--help=true false json JSON</code>	Shows a help message for this command in the console. Default: <code>false</code>
<code>--inlineStyle=true false</code>	When true, includes styles inline in the component TS file. By default, an external styles file is created and referenced in the component TS file. Default: <code>false</code> Aliases: <code>-s</code>
<code>--inlineTemplate=true false</code>	When true, includes template inline in the component TS file. By default, an external template file is created and referenced in the component TS file. Default: <code>false</code> Aliases: <code>-t</code>
<code>--interactive=true false</code>	When false, disables interactive input prompts.
<code>--legacyBrowsers=true false</code>	Add support for legacy browsers like Internet Explorer using differential loading. Default: <code>false</code>
<code>--minimal=true false</code>	When true, creates a workspace without any testing frameworks. (Use for learning purposes only.) Default: <code>false</code>
<code>--newProjectRoot=<i>newProjectRoot</i></code>	The path where new projects will be created, relative to the new workspace root. Default: <code>projects</code>
<code>--packageManager=npm yarn pnpm cnpm</code>	The package manager used to install dependencies.
<code>--prefix=<i>prefix</i></code>	The prefix to apply to generated selectors for the initial project. Default: <code>app</code> Aliases: <code>-p</code>
<code>--routing=true false</code>	When true, generates a routing module for the initial project.
<code>--skipGit=true false</code>	When true, does not initialize a git repository. Default: <code>false</code> Aliases: <code>-g</code>
<code>--skipInstall=true false</code>	When true, does not install dependency packages. Default: <code>false</code>
<code>--skipTests=true false</code>	When true, does not generate "spec.ts" test files for the new project. Default: <code>false</code> Aliases: <code>-S</code>
<code>--strict=true false</code>	Creates a workspace with stricter type checking and build optimization options. Default: <code>false</code>
<code>--style=css scss sass less styl</code>	The file extension or preprocessor to use for style files.
<code>--verbose=true false</code>	When true, adds more details to output logging. Default: <code>false</code> Aliases: <code>-v</code>
<code>--viewEncapsulation=Emulated Native None ShadowDom</code>	The view encapsulation strategy to use in the initial project.