

Angular CLI Reference

ng new

```
ng new <project-name> [options]
```

Creates a new Angular project. By default, the project is created under the current directory.

Options:

<code>--dry-run</code>	only output the files created and operations performed not actually create the project. Alias: 'd'.
<code>--verbose</code>	output more information. Alias: 'v'.
<code>--skip-npm</code>	do not run any npm command once the project is created
<code>--skip-git</code>	do not create a git repository for the project.
<code>--directory</code>	parent directory to create the new project into.

ng init

```
ng init <project-name> [options]
```

Creates a new Angular project in the current folder.

Options:

<code>--dry-run</code>	only output the files created and operations performed not actually create the project. Alias: 'd'.
<code>--verbose</code>	output more information. Alias: 'v'.
<code>--skip-npm</code>	do not run any npm command once the project is created
<code>--name</code>	The name of the project to create.

ng completion

ng completion

Adds autocomplete functionality to your shell for ng commands.

ng doc

ng doc <keyword>

Opens a browser window with the keyword as search in Angular documentation.

ng e2e

ng e2e

Runs all end-to-end tests defined in your application, using protractor.

ng format

ng format

Formats the code of this project using clang-format.

ng generate

ng generate <type> [options]

Generate new code inside your project.

Alias: 'g'

Valid types:

component <path/to/component-name>	Generates a component.
directive <path/to/directive-name>	Generates a directive.
route <route/to/route-component>	Generates a route. The name should be the route used in the RouteConfig.
pipe <path/to/pipe-name>	Generates a pipe.
service <path/to/service-name>	Generates a service.

The generated component has its own directory, unless the --flat options is specified.

Options:

- `--flat` Do not create the code in its own directory.
- `--route=<route>` Specify the parent route. Only for generating components and routes. Default to the path specified.
- `--skip-router-generation` Skip generating the route config for the parent. Only usable for routes.
- `--default` Specify that the route should be a default route.
- `--lazy` Specify that the route is lazy. Default to true.

ng get

`ng get <path1, path2, ...pathN> [options]`

Get a value from the Angular CLI configuration. The pathN arguments is a val JavaScript path like "users[1].userName". If the value isn't set, "undefined" will be shown. This command by default only works inside a project directory

Options:

- `--global` Returns the global configuration value instead of the local one (if both are set). This option also makes the command work outside of a project directory.

ng set

`ng set <path1=value1, path2=value2, ...pathN=valueN> [options]`

Set a value in the Angular CLI configuration. By default, sets the value in the project's configuration if ran inside a project, or fails if not inside a project. The pathN arguments is a valid JavaScript path like "users[1].userName". The value will be coerced to the proper type or will throw an error if the type cannot be coerced.

Options:

- `--global` Sets the global configuration value instead of a local one. This also makes `ng set` works outside a project.

ng github-pages:deploy

`ng github-pages:deploy [options]`

Build the application for production, setup the GitHub repository, then publish the app.

Options:

<code>--message=<message></code>	Commit message to include with the build. Defaults to "new gh-pages version".
<code>--environment=<env></code>	The Angular environment to build. Defaults to "production".
<code>--branch=<branch-name></code>	The git branch to push the pages to. Defaults to "gh-branch".
<code>--skip-build</code>	Skip building the project before publishing.
<code>--gh-token=<token></code>	API token to use to deploy. Required.
<code>--gh-username=<username></code>	The Github username to use. Required.

ng lint

`ng lint`

Run the codelyzer linter on your project.

ng test

`ng test [options]`

Run unittests, using karma.

Options:

<code>--watch</code>	Keep running the tests. Default to true.
<code>--browsers, --colors, --reporters, --port, --log-level</code>	Those arguments are passed directly to karma.

ng version

`ng version`

Outputs the version of angular-cli, node and the operating system.