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:
  --dry-run          only output the files created and operations performed
                     not actually create the project.
                     Alias: 'd'.
  --verbose          output more information.
                     Alias: 'v'.
  --skip-npm         do not run any npm command once the project is created
  --skip-git         do not create a git repository for the project.
  --directory        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:
  --dry-run          only output the files created and operations performed
                     not actually create the project.
                     Alias: 'd'.
  --verbose          output more information.
                     Alias: 'v'.
  --skip-npm         do not run any npm command once the project is created
  --name             The name of the project to create.
```

ng completion

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```
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.
```

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```
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 loca
                     one (if both are set). This option also makes the command
                     work outside of a project directory.
```

ng set

```
ng get <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]
```

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

Options:
  --message=<message>        Commit message to include with the build.
                             Defaults to "new gh-pages version".
  --environment=<env>        The Angular environment to build.
                             Defaults to "production".
  --branch=<branch-name>     The git branch to push the pages to.
                             Defaults to "gh-branch".
  --skip-build               Skip building the project before publishing.
  --gh-token=<token>         API token to use to deploy. Required.
  --gh-username=<username>   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:
  --watch                 Keep running the tests. Default to true.
  --browsers, --colors, --reporters, --port, --log-level
                          Those arguments are passed directly to karma.
```

ng version

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