

Creating Projects

| | |
|---|--|
| ng new <project-name> [options] | Creates a new angular project in the current directory |
| ng init <project-name> [options] | Creates a new angular project in the current folder |

Options:

- dry-run (Outputs results but does not create the project)
- verbose (Output all the things!!!1!)
- skip-npm (Does not run npm commands after project creation)
- skip-git (Does not initialize the repo as a git repo)
- directory (Specify the parent directory when creating the project)

Examples:

```
ng new MyProject
ng new MyProject --directory c:/Repos/Angular
ng init MyProject --skip-git
```

Generating Code

| | |
|--------------------------------------|--|
| ng generate <type> [options] | Generates code files in your project. Generated files get their own directories by default |
| component <path/name> | Generates a new component at the specified path with the specified name |
| directive <path/name> | Generates a new directive at the specified path with the specified name |
| route <route/route-component> | Generates a route to the named component. The name should be the route used in RouteConfig |
| pipe <path/name> | Generates a pipe with the specified name at the specified path |
| service <path/name> | Generates a new service at the specified path with the specified name |

Options:

- flat (Do not create new files in their own directory)
- route=<route> (Specify the parent route when generating components and routes)
- skip-router-generation (Do not generate the route config for the parent when generating routes)
- default (Specify the route should be the default route)
- lazy (Specify the route is lazy and default to true)

Examples:

```
ng generate component MyComponent --flat
ng generate service app/services/MyService
```



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Workflow Tasks

| | |
|--------------------------|--|
| ng doc <keyword> | Searches the keyword in the Angular docs online |
| ng format | Formats the project code using clang-format |
| ng test [options] | Run project unit tests using karma |
| ng e2e | Runs all project end to end tests using protractor |
| ng lint | Runs codelyzer linter on your project |

Options:

--watch (Keep unit tests alive and running)

Examples:

```
ng test --watch
```

```
ng lint
```



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