

## Usage

In order to provide a great user-experience, the CLI commands share the same command schema.

```
$ nest [command] [...options]
```

## Options

Each command accepts a set of **options** that are listed below:

- **--dry-run**: allows to simulate the command execution in order to verify how it will affect your working directory
- **--no-spec**: allows to turn off the generation of spec files (only applies to the `generate` command)
- **--flat**: allows to turn off the generation of the dedicated directory (only applies to the `generate` command)

### new (alias: n)

The **new** command scaffolds the Nest project based on the **typescript-starter** as well as install the required packages. The CLI will ask you for missing information - the application name (if not specified) and a package manager that you want to use to install dependencies.

```
$ nest new my-awesome-app
```

### generate (alias: g)

The **generate** command generates a Nest architecture component.

Option	Description	Required	Default value
schematic	The schematic name from the list below.	true	N/A
name	The name of the generated Nest architecture component.	false	N/A
path	The path from to generate the Nest architecture component.	false	src

A list of available architecture components:

- `class` (alias: cl)
- `controller` (alias: co)
- `decorator` (alias: d)
- `filter` (alias: f)
- `gateway` (alias: ga)
- `guard` (alias: gu)
- `interface` (alias: -)
- `interceptor` (alias: in)
- `library` (alias: lib)
- `middleware` (alias: mi)
- `module` (alias: mo)
- `pipe` (alias: pi)
- `provider` (alias: pr)
- `resolver` (alias: r)
- `service` (alias: s)

Example usage:

```
$ nest generate service users
OR
$ nest g s users
```

## info (alias: i)

The **info** command will display your project information.

```
$ nest info

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[System Information]
OS Version      : macOS High Sierra
NodeJS Version  : v8.9.0
YARN Version    : 1.5.1

[Nest Information]
microservices version : 5.0.0
websockets version    : 5.0.0
```

```
testing version : 5.0.0
common version : 5.0.0
core version : 5.0.0
```

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