

Strict mode

Angular CLI creates all new workspaces and projects with **strict mode** enabled.

Strict mode improves maintainability and helps you catch bugs ahead of time. Additionally, strict mode applications are easier to statically analyze and can help the **ng update** command refactor code more safely and precisely when you are updating to future versions of Angular.

Specifically, strict mode affects newly generated applications in the following way:

- Enables **strict** mode in TypeScript, as well as other strictness flags recommended by the TypeScript team. Specifically, **forceConsistentCasingInFileNames**, **noImplicitReturns**, **noFallthroughCasesInSwitch**.
- Turns on strict Angular compiler flags **strictTemplates**, **strictInjectionParameters** and **strictInputAccessModifiers**.
- Reduces the bundle size budgets for the **initial** and **anyComponentStyle** budget types by 75% compared to the previous defaults.

You can apply these settings at the workspace and project level.

Using the basic **ng new** command to create a new workspace and application automatically uses strict mode, as in the following command:

```
ng new [project-name]
```

To create a new application in the strict mode within an existing non-strict workspace, run the following command:

```
ng generate application [project-name] --strict
```