

Angular 6 + CLI (TypeScript) - How to stop generating .spec.ts test files



I KNOW IT'S KIND OF A BAD PRACTICE, but pair with me:

26

I'm using Angular-CLI and particularly `ng g` to generate all of my classes, however, I'm not interested in any test file `*.spec.ts` and I know that there are two flags (`--inline-template` , `--inline-style`) to handle inline CSS and HTML instead of separated files. and for spec the default flag is set to true `--spec`



So for each run, yes, I can do so `ng g c foo --it --is --spec=false`

6 But How to disable the creation of test files globally? is there any default setting for it?

Rashly, I did some stuff like **(that didn't work)**:

```
ng set spec=false --global
```

Then tried configuring ts settings file `src/tsconfig.json` by filling the exclude array.

```
"exclude": [  
  "**/*.spec.ts"  
]
```

 angular  typescript  angular-cli  angular2-cli

edited Jun 17 '18 at 22:40

asked Feb 5 '17 at 7:56



[Mohammad Kawsara](#)

1,318 2 14 24

6 Answers

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Manual Angular CLI configuration

- 1) Copy snippet to the root of `angular.json` , (configures settings to all projects/globally).
- 2) Or copy snippet to the root of a specific project (`projects.your-project-name`) in `angular.json` (configures settings for a specific project).

```
"schematics": {
  "@schematics/angular:component": {
    "styleext": "scss",
    "spec": false
  },
  "@schematics/angular:class": {
    "spec": false
  },
  "@schematics/angular:directive": {
    "spec": false
  },
  "@schematics/angular:guard": {
    "spec": false
  },
  "@schematics/angular:module": {
    "spec": false
  },
  "@schematics/angular:pipe": {
    "spec": false
  },
  "@schematics/angular:service": {
    "spec": false
  }
},
```

All configurable options per type of file ([Schematic Options](#)):

```
"schematics": {
  "@schematics/angular:component": {
    "changeDetection": "Default",
    "export": false,
    "flat": false,
    "inlineStyle": false
```

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```
    "styleext": "css",
    "viewEncapsulation": "Emulated"
  },
  "@schematics/angular:module": {
    "commonModule": true,
    "flat": false,
    "module": "",
    "routing": false,
    "routingScope": "Child",
    "spec": true
  },
  "@schematics/angular:service": {
    "flat": true,
    "spec": true
  },
  "@schematics/angular:pipe": {
    "export": false,
    "flat": true,
    "module": "",
    "skipImport": false,
    "spec": true
  },
  "@schematics/angular:directive": {
    "export": false,
    "flat": true,
    "module": "",
    "prefix": "app",
    "selector": "",
    "skipImport": false,
    "spec": true
  },
  "@schematics/angular:class": {
    "spec": true
  }
},
```

Angular CLI configuration with Angular CLI

ERROR:

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The settings for generating specs, inline templates, inline styling etc. within `angular.json` are now persisted inside the `schematics.@schematics/angular.<file-type>.<setting>` .

Run `ng config schematics.@schematics/angular.component.spec false` to configure spec for components. This command adds the setting inside the schematics property within the `angular.json` file.

[Angular CLI workspace file \(angular.json\) on Angular Github](#)

[Schematic options inside schema.json](#)

[How to do X in Angular CLI v6](#)

edited Jun 17 at 9:21

answered May 30 '18 at 7:00



Brampage

1,346 1 18 32

▲ If you're using v6 and need to edit your angular.json

25

▼ You can edit the schematics for your project.

```
"schematics": {
  "@schematics/angular:component": {
    "styleext": "scss",
    "spec": false
  },
  "@schematics/angular:class": {
    "spec": false
  },
  "@schematics/angular:directive": {
    "spec": false
  },
  "@schematics/angular:guard": {
    "spec": false
  },
  "@schematics/angular:module": {
```

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```
"spec": false
},
},
```

answered Jun 29 '18 at 7:26

[Paul Story](#)

484 4 9

it should be the correct answer with Angular 6. Add this code to angular.json file of the project. you should use VScode tool with "Angular Files" plugin to create service, component, module, routing... – [HungNM2](#) Jul 3 '18 at 9:38

Thanks.. it works for angular 7 too. Added at the end of angular.json file – [SURENDRANATH SONAWANE](#) Apr 13 at 6:08



You can run this command to disable spec file generation for a specific type of file:

24

```
ng set defaults.spec.FILETYPE false
```



For example:

```
ng set defaults.spec.component false // Won't generate spec files for .component files
```

Alternately you can just disable all spec file generation from the angular-cli.json file.

```
{
  ...
  "defaults": {
    "spec": {
      "class": false,
      "component": false,
      "directive": false,
      "module": false,
      "pipe": false,
      "service": false
    }
  }
}
```

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2 get/set have been deprecated in favor of the config command – [Iter Ator](#) Jan 22 at 21:39

Just to update [Sabbir Rahman's answer](#):

12

In version 1.0.2 of the CLI you will have to set the spec file to *false* for each individual type. An example is included below:

```
"defaults": {
  "styleExt": "scss",
  "component": {
    "spec": false
  },
  "service": {
    "spec": false
  },
  "directive": {
    "spec": false
  },
  "class": {
    "spec": false // Set to false by default
  },
  "module": {
    "spec": false // Set to false by default
  },
  "pipe": {
    "spec": false
  }
}
```

edited May 23 '17 at 12:26



Community ♦

1 1

answered May 12 '17 at 2:10



[Mark Valenzia](#)

121 1 4

no comments in JSON file ;) – [Johansrk](#) Dec 11 '17 at 9:41

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3

```
ng g c home --spec=false
```

log will be

```
CREATE src/app/home/home.component.scss (0 bytes)
CREATE src/app/home/home.component.html (23 bytes)
CREATE src/app/home/home.component.ts (262 bytes)
UPDATE src/app/app.module.ts (467 bytes)
```

answered Apr 3 at 9:36



Warren Clarin

63 1 11

you can add `--skipTests=true|false` if true it wont generate any *spec.ts*

0

example : `ng g component componentName --skipTests=true`

this line wont generate any *spec.ts* files

EDIT:

Note: As of angular 7 this command doesn't work, even though this command is mentioned on the official website of angular. Here: <https://angular.io/cli/generate#component>

edited Jun 28 at 9:37



Community ♦

1 1

answered Feb 15 at 9:44

Sai Sundeep

1 2

didn't want to -1 your answer, but it doesn't work (I tried it with ng7)... – TheCuBeMan Mar 19 at 10:31

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