Generate inside module folder

16

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I'm working with an Angular 2 application based on Angular-CLI skeleton, I had the habit of structuring my src folder with one directory by module, and each component related to this module in the same folder.

```
src
    app
        documents
            document-list.component.ts
            document-list.component.html
            documents.component.ts
            documents.component.html
            document.module.ts
        app.component.ts
        app.module.ts
    main.ts
```

Now that I'm using Angular-CLI, I would like to take profit of each feature, but when I'm generating a new component, no matter what, it keep creating a new folder for my component when I just want to put it inside the related folder.

```
src
    app
        documents
            document-list
                document-list.component.ts
                document-list.component.html
            documents.component.ts
            documents.component.html
            document.module.ts
        app.component.ts
        app.module.ts
    main.ts
```

Is it possible to keep my previous structure, is it a bad practice? The guideline recommends to avoid useless directory depth so I'm kind of disturbed

Sakuto
3,650 1 25 42

3 Answers

43

Assuming you are in your application's root directory and want to create components inside `src/app/documents` as you show above. You can use the `--flat` option to have your component created without creating a the directory. To create the component you have above use this command:

```
ng generate component document-list --flat
```

answered Dec 23 '16 at 15:38
Brocco
43k 8 58 72

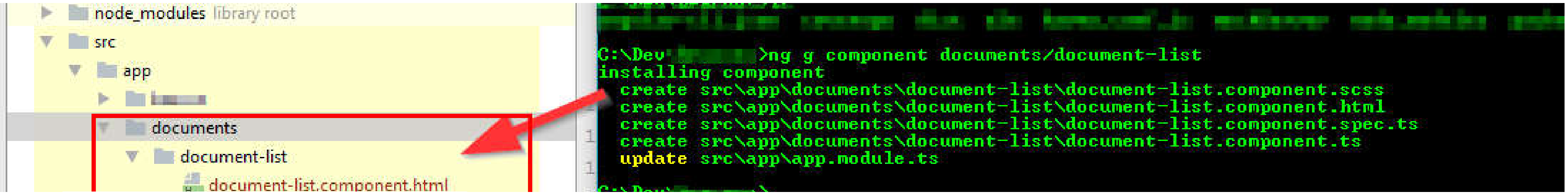
No possibility of defining it as the default option in my `angular-cli.json` ? – Sakuto Dec 23 '16 at 17:17

Not right now, but that could be added in the future, if it's something you'd like, file an issue on the repo. – Brocco Dec 23 '16 at 17:59

1 Tested: it also can be used to generate a module without folder – FindOutIslamNow Jun 9 '18 at 11:31

20

Using angular-cli you can run `ng g component documents/document-list` and it will create the structure you need, (assuming app is the root of your application).



```
[redacted]
C:\Dev[redacted]>ng g component documents/document-list
installing component
  create src\app\documents\document-list\document-list.component.scss
  create src\app\documents\document-list\document-list.component.html
  create src\app\documents\document-list\document-list.component.spec.ts
  create src\app\documents\document-list\document-list.component.ts
  update src\app\app.module.ts
```

answered Jan 17 '17 at 23:27
Gman
1,115 1 13 28

The question is about NOT having the extra 'document-list' folder but having the component files inside the 'documents' folder. – hogan Sep 17 '17 at 3:23

But what if the structure already exists, and you want to add a new component folder as a nested component. Do you do `ng g c /existing-components-folder/new-component-folder` ? – AllJs Jan 10 '18 at 22:32

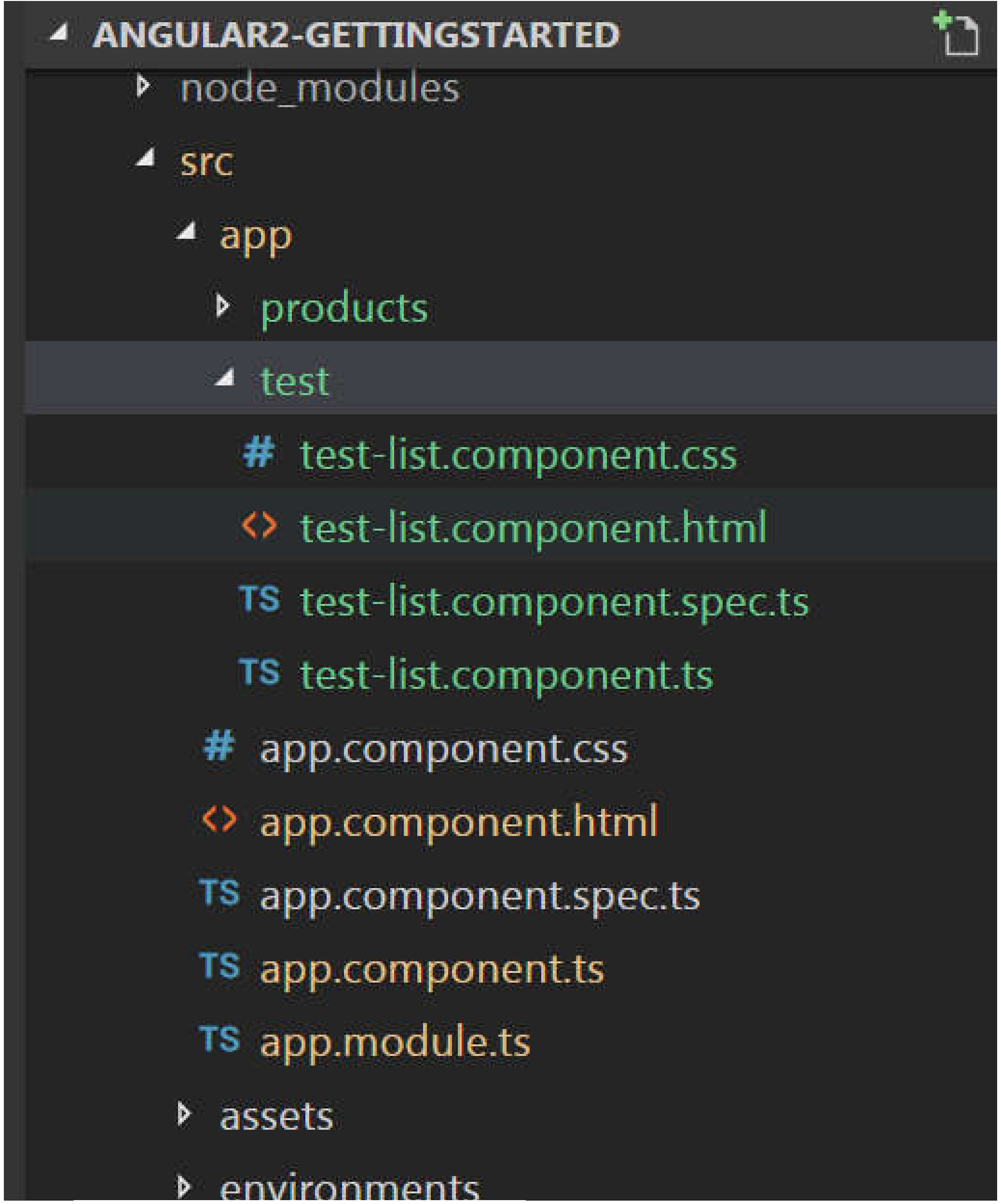
4

To create a component inside a folder that either already exist or does not have the same name as the component without creating a sub folder...

ng generate component directory/component-name --flat

For example: **ng generate component test/test-list --flat**

This will generate the component in the folder test and **NOT** create a sub folder test-detail...



```
◢ ANGULAR2-GETTINGSTARTED
    ▷ node_modules
    ◢ src
      ◢ app
        ▷ products
        ◢ test
           # test-list.component.css
          <> test-list.component.html
          TS test-list.component.spec.ts
          TS test-list.component.ts
         # app.component.css
        <> app.component.html
        TS app.component.spec.ts
        TS app.component.ts
        TS app.module.ts
      ▷ assets
      ▷ environments
```

Why the down votes, I tested it and this does work and relates to the original question.. As mentioned here "The question is about NOT having the extra 'document-list' folder but having the component files inside the 'documents' folder. – hogan Sep 17 '17 at 3:23" – Warren LaFrance Feb 7 '18 at 19:24

Maybe is because the example image is as if you used `ng g c test-list` because `test` is very similar to `test-list`, maybe you can improve the example making two components in the same folder instead of only one. This is my opinion although I haven't downvoted you. – PhoneixS Apr 9 '18 at 11:34

As far as I'm concerned, you have the best answer – Kurt Miller Dec 3 '18 at 16:44