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Angular 2 - Global CSS file

Asked 2 years, 11 months ago Active 5 months ago Viewed 49k times



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Is it possible to add a global CSS file to Angular 2? At the moment I have many different components that have the same button styling - but each of the components have their own CSS file with the styling. This is frustrating for changes.

I read somewhere on Stack Overflow to add:

```
import { ViewEncapsulation } from '@angular/core'; //add this

@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css'],
  encapsulation: ViewEncapsulation.None           //add this
})
```

So I added the ViewEncapsulation lines in the root component, then added the CSS styling to the root app CSS (app.component.css) and removed the CSS styling from individual component CSS files, and it did not work.

Surely there is a way to add a global CSS file? Do I need to add something to the individual components to make them access the global CSS file?

css



angular

angular-cli

asked Oct 26 '16 at 22:59



dandev91

623 1 9 25

- 3 this is the right way to proceed. It should be working. When you say it does not work, what happen precisely ? All the sub component button differ ? What is the aspect of a button if you add a button in your app component template. Does it have the right aspect ? – [chaiyachaiya](#) Dec 14 '16 at 12:44

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1 Yeah using ViewEncapsulation.None actually works! – [Ashiq Muhammed](#) Jun 11 '18 at 4:35

3 Answers



You can simply import the css in the main html file.

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answered Oct 26 '16 at 23:34



[Abraham](#)

561 4 8

5 I completely missed that the Angular 2 CLI actually creates and includes a 'styles.css' file as a global CSS script within the index.html file. I just opened the file to see `"/* You can add global styles to this file, and also import other style files */`. Thanks axl_80. – [dandev91](#) Oct 26 '16 at 23:49

2 Your welcome, I'm glad to know I could help you. Good luck in your project ;) – [Abraham](#) Oct 27 '16 at 0:30

17 a code example would be nice – [Rudolf Olah](#) Jan 16 '17 at 6:06

What if there is no html file. I am creating a Angular library. – [UniSound Waterloo](#) Jun 13 '17 at 14:22

@UniSoundWaterloo I don't think you should use global css in a library. – [Amir Savand](#) Feb 21 at 5:50



Just write your global styles in your `src/styles.css` file. That file will be added to `styles.bundle.js` when you run `ng build`.

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If you'd like to add more style files, you can do so in your `.angular-cli.json` (or `angular.json` for Angular 6+) file. In that file you'll see an array called `styles`, with a single item by default which is `styles.css` (or `src/styles.css` in Angular 6). You can even include `.scss` files.

Using SCSS

If you want to use SCSS, simply change the extension of your `styles` file to `.scss`, then reflect the change in your `.angular-cli.json` (or `angular.json` for Angular 6+).

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make Angular use SCSS by default

When creating components, you'd like Angular to create `.scss` styles files instead of `.css` . Here's how:

Angular 7

Starting from Angular 7, when you create an app with `ng new appname` , you will be prompted which stylesheet format you'd like to use, so you just choose SCSS ([source](#)). It seems like here ends the need to manually configure Angular to use SCSS.

Angular 6

Add this at the end of your `angular.json` file ([source](#)):

```
"schematics": {  
  "@schematics/angular:component": {  
    "styleext": "scss"  
  }  
}
```

Angular 4 and lower

Locate this by the end of your `.angular-cli.json` file, and change the value of `styleExt` to `scss` :

```
"defaults": {  
  "styleExt": "css",  
  "component": {}  
}
```

edited Nov 5 '18 at 17:49

answered Apr 24 '17 at 11:11



[Parziphal](#)

3,484 2 24 27

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- 1 This is an important addition to this question - as it is more relevant with new versions of Angular. I recently created a new project with a new installation of the Angular CLI and (by habit) manually included the CSS import (as per the chosen answer in this question) which led to an error in the browser console. Once I removed the manual CSS import statement in the HTML, I noticed that the CSS styling from styles.css was being applied. It was unfortunate I did not see this answer prior to starting the new project... – [dandev91](#) Jun 16 '17 at 4:43
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2 What if you are not using angular-cli with Angular 4? – [myk vmins](#) Nov 3 '17 at 17:13

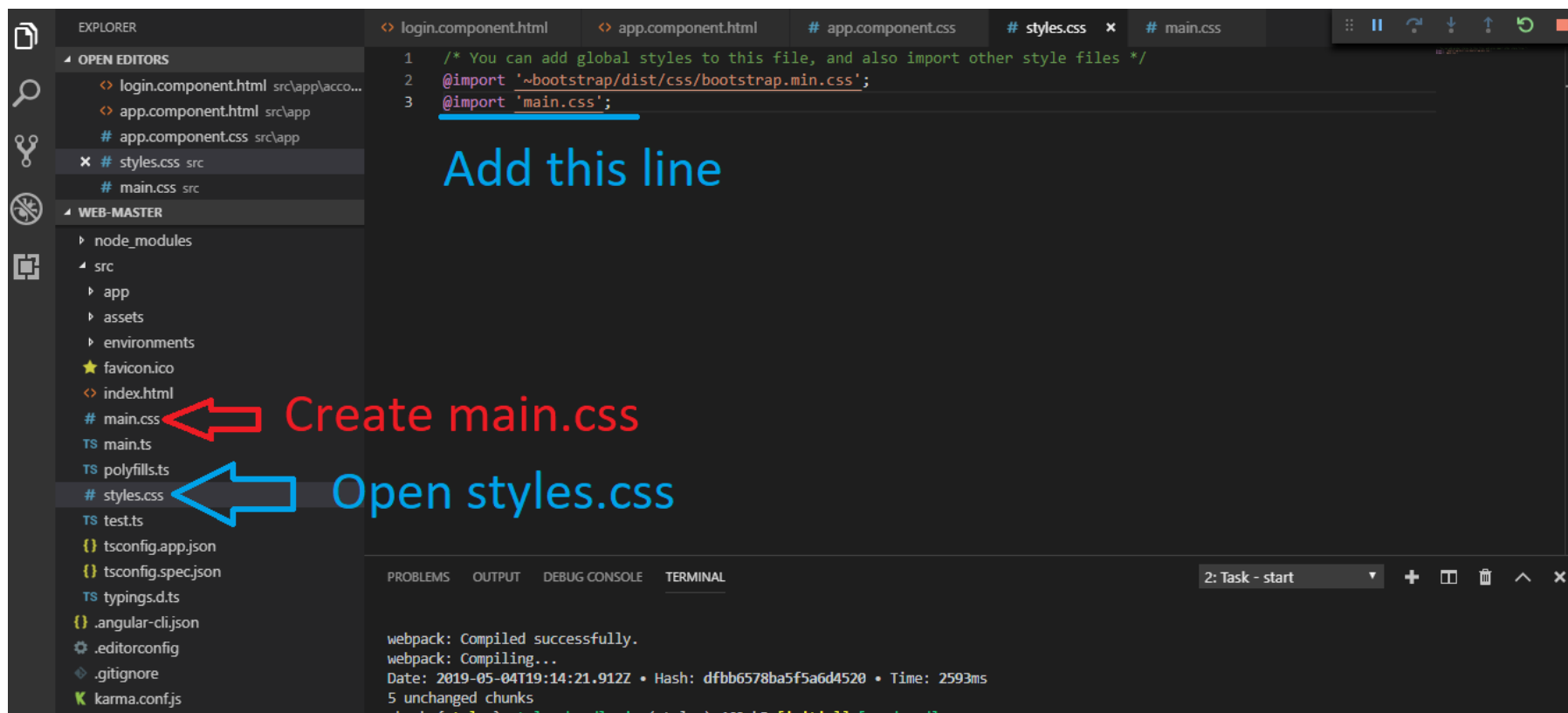
1 I was able to just add `"../node_modules/@salesforce-ux/design-system/assets/styles/salesforce-lightning-design-system.min.css"` to my `.angular-cli.json` seems to work fine. – [Tarion](#) Nov 28 '17 at 14:39

1 Since app component is the main component, you can add multiple styles there. Like: `styleUrls: ["styles1.css", "styles2.css"]`, – [Niladri Banerjee - Uttara](#) Apr 20 '18 at 12:50

You can use:

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1. Add main.css
2. Open styles.css in main folder
3. Add this line (`@import 'main.css';`)



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answered May 4 at 19:20



[Ahmad Aghazadeh](#)

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