

What does _ngcontent-c# mean in Angular?

Asked 2 years, 4 months ago Active 9 months ago Viewed 24k times

I'm learning Angular 2/4 and I see the html tags with the ng generated attributes: _ngcontent-c0, _ngcontent-c1...

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What does this c value mean?

javascript



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asked Jul 13 '17 at 13:30



Maddy

1,674 3 22 40

2 Answers

_ngcontent-c# attributes are added when you use `ViewEncapsulation.Emulated` - which is default. Angular uses these attributes to target specific elements with the styles. The number `c` is sort of a unique identifier of the host component. For example, if you have two components with the following templates:

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ComponentA

```
<span></span>
```

```
<comp-b></comp-b>
```

ComponentB

```
<h1></h1>
```

Angular will mark all elements with styles inside component A as `_ngcontent-c0` and all elements with styles inside component B with `_ngcontent-c1`:

```
<comp-a>
  <span _ngcontent-c0></span>
```

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```
</comp-b>
</comp-a>
```

answered Jul 13 '17 at 13:38

**Maxim Koretskyi****69.4k** 28 184 315

So the root component will be 0 and nested ones would go 1...n? – [Maddy](#) Jul 13 '17 at 13:41

Not sure I like or want / need this _ngcontent.. how do i turn it off? – [Tom Stickel](#) Jan 11 '18 at 17:45

@TomStickel, what [view encapsulation](#) are you using? If you use Native or None, Angular shouldn't add these attributes – [Maxim Koretskyi](#) Jan 11 '18 at 17:58

Well I came from Angular 1 world , dabbled with angular 2 - then got into 4, and now new project from scratch with angular 5. I have been using Angular CLI, I have not intentionally added any view encapsulation so this is all new to me. I don't recall the _ngcontent on last contract project with angular 4, so I'm unsure about this "Native" vs "None" - Is angular CLI adding it when I'm using ng serve? – [Tom Stickel](#) Jan 11 '18 at 18:24

2 @TomStickel, ViewEncapsulation.Emulated is default mode. It's specified in the Component decorator descriptor properties – [Maxim Koretskyi](#) Jan 11 '18 at 18:45

you can disable it by adding below import to your component,

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

import { Component, OnInit } from '@angular/core';
import { ViewEncapsulation } from '@angular/core';

@Component({
  selector: 'app-dashboard',
  templateUrl: './dashboard.component.html',
  styleUrls: ['./dashboard.component.css'],
  encapsulation: ViewEncapsulation.None
})
export class DashboardComponent implements OnInit {

  constructor() { }

  ngOnInit() {
```

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please note this line :

encapsulation: **ViewEncapsulation.None**



make no addition of dynamic attribute from angular

answered Feb 20 at 3:49



[asifatab87](#)

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