ngFor with index as value in attribute



I have a simple <code>ngFor</code> loop which also keeps track of the current <code>index</code> . I want to store that <code>index</code> value in an attribute so I can print it. But I can't figure out how this works.

395

I basically have this:





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I want to store the value of #i in the attribute data-index. I tried several methods but none of them worked.

I have a demo here: http://plnkr.co/edit/EXpOKAEIFII9QwuRcZqp?p=preview

How can I store the index value in the data-index attribute?





asked Feb 15 '16 at 9:27



6,208 21 73 153

Delete the edit. I though that I was trying to edit one of my questions. It has been an error - Mario Jan 30 '18 at 9:44

6 Answers

I would use this syntax to set the index value into an attribute of the HTML element:

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```
     <!i *ngFor="let item of items; let i = index" [attr.data-index]="i">
          {{item}}
```

Angular = 1

```
     <!i *ngFor="#item of items; #i = index" [attr.data-index]="i">
          {{item}}
```

Here is the updated plunkr: http://plnkr.co/edit/LiCeyKGUapS5JKkRWnUJ?p=preview.



answered Feb 15 '16 at 9:29



- In fact, the attr. is a syntax to tell Angular2 to set the value of the expression to the attribute name. It's not just like evaluating JSON, I guess ;-) See this link: angular.io/docs/ts/latest/guide/template-syntax.html Thierry Templier Feb 15 '16 at 9:54
- 1 Thanks, that does the trick. Also, I meant to put the ngFor on the li instead of the ul. Vivendi Feb 15 '16 at 10:10
- 1 I rolled back the recent edit in order to have both the original answer and the new updated code value. I was searching for some early beta stuff and saw that this answer was modified, so it no longer applied to the beta version of angular 2. ps2goat Nov 17 '16 at 18:58
- 4 UPDATE: 08/2017 <div *ngFor="let hero of heroes; let i=index; trackBy: trackById" > Maxi Aug 28 '17 at 22:21
- as of Oct 17, 2018 Angular 6 is using *ngFor="let item of items; index as i" See Leo's answer below. Gel Sisaed Oct 18 '18 at 2:33



In Angular 5/6/7:

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edited Jan 11 at 21:52

answered Dec 4 '17 at 14:29



29 35

- this is it! Working as of Oct 17, 2018. Thank you. (why they keep changing syntax, so annoying? Gel Sisaed Oct 18 '18 at 2:31
- this is a better and simple answer than the first one. Kenry Sanchez Feb 19 at 19:41
- index as i works great, thank you. But isn't the *ngFor meant to go on the element to be repeated (e.g. the <1i> in this case)? The code you suggested creates multiple s rathers than multiple s. - Liran H Apr 8 at 11:54 //



Just an update to this, Thierry's answer is still correct, but there has been an update to Angular2 with regards to:





```
{{item}}
```

The #i = index should now be let i = index

EDIT/UPDATE:

The *ngFor should be on the element you're wanting to foreach, so for this example it should be:

```
<l
{{item}}
```

EDIT/UPDATE

Angular 5

```
<u1>
```

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```
      {{item}}
```

edited Jun 7 at 6:55

answered Jun 28 '16 at 9:23



3 And #item should be let item ;-) - Günter Zöchbauer Jun 28 '16 at 10:00

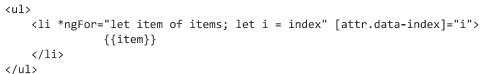
Ah yes - that too, sorry I'll go correct that - Wesley Coetzee Jun 28 '16 at 10:01



I think its already been answered before, but just a correction if you are populating an unordered list, the *ngFor will come in the element which you want to repeat. So it should be insdide <1i> . Also, Angular2 now uses let to declare a variable.

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answered Jul 25 '16 at 20:49



In case of angular 5 right solution – Oswald Jan 8 '18 at 12:07

I think that it is best practice to specify the *ngFor directive in ul tag {item}}

If you specify ngFor in the ul tag, then the entity that will be repeated will be ul, but here u dont want to repeat the ul, you just want to iterate on the list elements i.e. li. – monica Jul 9 '18 at 11:07

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<l {{ $i + 1}$ } </ul

edited May 21 '18 at 18:21



Chris Farmer 14.8k 28 101 149 answered Nov 10 '17 at 20:59



Alf Moh 4,142



Try this

<div *ngFor="let piece of allPieces; let i=index"> {{i}}} // this will give index </div>

answered Apr 15 at 11:00



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