

Way to *ngFor loop defined number of times instead of repeating over array? [duplicate]

Asked 3 years, 7 months ago Active 1 year, 10 months ago Viewed 56k times



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This question already has an answer here:

[Repeat HTML element multiple times using ngFor based on a number](#) 10 answers



Is there a way to *ngFor loop a defined number of times instead of always having to iterate over an array?



For example, I want a list to repeat 5 times, the loop would be something like that in C#;

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```
for (int i = 0; i < 4; i++){  
  }  
}
```

Desired result:

```
<ul>  
  <li><span>1</span></li>  
  <li><span>2</span></li>  
  <li><span>3</span></li>  
  <li><span>4</span></li>  
  <li><span>5</span></li>  
</ul>
```

javascript



angular

asked Dec 21 '15 at 23:05



Rodrigo Real

988 4 9 10

marked as duplicate by [Günter Zöchbauer](#)

angular2

Apr 11 '16 at 4:26

This question has been asked before and already has an answer. If those answers do not fully address your question, please [ask a new question](#).

- 1 one method is as said by @TGH and second one you can use your for loop as mentioned in question then push value of [i] in empty array and start *ngFor on that array this is also possible. you can chose either one from these two way. – [Pardeep Jain](#) Dec 22 '15 at 5:12

1 Answer

Within your component, you can define an array of number (ES6) as described below:

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```
export class SampleComponent {  
  constructor() {  
    this.numbers = Array(5).fill(0).map((x,i)=>i);  
  }  
}
```

See this link for the array creation: [Tersest way to create an array of integers from 1..20 in JavaScript](#).

You can then iterate over this array with `ngFor` :

```
@View({  
  template: `  
    <ul>  
      <li *ngFor="let number of numbers">{{number}}</li>  
    </ul>  
  `,  
})  
export class SampleComponent {  
  (...)  
}
```

Or shortly:

```
@View({  
  template: `  
    <ul>  
      <li *ngFor="let number of [0,1,2,3,4]">{{number}}</li>  
    </ul>  
  `
```

```
    })  
    export class SampleComponent {  
      (...)  
    }  
  }
```

Hope it helps you, Thierry

Edit: Fixed the fill statement and template syntax.

edited Sep 14 '17 at 23:26



Chris Weber

2,447 5 35 44

answered Dec 22 '15 at 5:54



Thierry Templier

155k 29 335 308

3 I think the `Array(5).fill()`... is missing a 0. It should be `Array(5).fill(0)` . From the docs [developer.mozilla.org/en/docs/Web/JavaScript/Reference/...](https://developer.mozilla.org/en/docs/Web/JavaScript/Reference/Global_Objects/Array/fill) – [brijmcq](#) Jul 21 '17 at 15:33

1 The `#number` should be `let number` – [Amr ElAdawy](#) Jul 28 '17 at 15:55

You could also use `Array.from(Array(5)).map((x, i) => i);` to achieve the same without having to use `.fill(0)` – [kernel](#) Sep 27 '17 at 12:34

66 That this is the only solution makes me sad. – [Mitja](#) Oct 11 '17 at 19:07

You can make it look nicer though: `<li *ngFor="let number of [s,o,m,e,n,i,c,e,a,r,r,a,y]">{{number}}` – [Kostas Siabanis](#) Oct 27 '18 at 8:53

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