

# \*ngFor running an infinite loop in angular2

Asked 3 years, 1 month ago   Active 3 years, 1 month ago   Viewed 6k times

I am trying to render object properties using keys in angular2 using below code:

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```
<ul>
  <li *ngFor="let element of componentModel | keys;let i=index">
    {{element.key}}--{{element.value}} // 1---Bhushan...Loaded only once
    <span *ngIf="element">{{ loadProperty(i,element) }}</span>
  </li>
</ul>
```

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But I am facing a problem here. The output in the browser is loaded only once. but the method call i.e. `loadProperty(i,element)` is running in an infinite loop.

```
loadProperty(i:number,element:any){
  console.log(element.key+'===='+element.value);
  console.log(element);
}
```

means on browser output

(1---Bhushan)

is displayed only once but on the console its running infinitely like below:

```
Object {key: "0", value: Object} auto-property-value-editor.component.ts:35
Object {key: "1", value: Object} auto-property-value-editor.component.ts:35
Object {key: "0", value: Object} auto-property-value-editor.component.ts:35
Object {key: "1", value: Object} auto-property-value-editor.component.ts:35
Object {key: "0", value: Object} auto-property-value-editor.component.ts:35
Object {key: "1", value: Object} auto-property-value-editor.component.ts:35
Object {key: "0", value: Object} auto-property-value-editor.component.ts:35
Object {key: "1", value: Object} auto-property-value-editor.component.ts:35
Object {key: "0", value: Object} auto-property-value-editor.component.ts:35
Object {key: "1", value: Object} auto-property-value-editor.component.ts:35
```

I want to call this method only once per iteration.

any inputs?

typescript

 angular

ngfor

asked Jun 17 '16 at 8:20



Bhushan Gadekar

7,103 16 63 110

## 1 Answer



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This is just Angular2 change detection at work calling `loadProperty(i,element)` over and over in each change detection cycle.

Calling methods from the template is discouraged because they are called very often. You should instead store the result in a property and bind to this property instead.


edited Jun 17 '16 at 8:28

answered Jun 17 '16 at 8:22



Günter Zöchbauer

357k 82 1132 1033

I am not sure how to do this with property binding, do u have any plnkr for this where method will get called only once per iteration? @Gunter – Bhushan Gadekar Jun 17 '16 at 8:25 

What are you trying to accomplish? Sounds like [stackoverflow.com/questions/36427670/...](https://stackoverflow.com/questions/36427670/...) – Günter Zöchbauer Jun 17 '16 at 8:28

pretty much same but I also want to pass the iterated element to the method. actually these elements are objects and I am providing an editor for each element based on its type to change its value. ie. if it's an object consisting of arrays then it will load objectEditorComponent & inside that it will load arrayEditorComponent for each array. thus I use \*ngFor to iterate and pass iterated element to function to select correct editor based on its datatype. its a recursive process until it gets the last element. – Bhushan Gadekar Jun 17 '16 at 8:34

What part exactly is causing you troubles? – Günter Zöchbauer Jun 17 '16 at 8:41

- 2 That's exactly what the directive in the linked answer is supposed to do. `<span *ngIf="element" (onCreate)="loadProperty(i, element)"></span>` should do what you want. – Günter Zöchbauer Jun 17 '16 at 8:48

