

Angular 2 execute script after template render

Asked 3 years, 4 months ago Active 1 year, 6 months ago Viewed 74k times

So I have this slider component that use materializecss javascript. So after it's rendered, I need to execute

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```
$(document).ready(function(){
    $('body').on('Slider-Loaded',function(){
        console.log('EVENT SLIDER LOADED');
        $('.slider').slider({full_width: true});
        $('.slider').hover(function () {
            $(this).slider('pause');
        }, function () {
            $(this).slider('start')
        });
    });
});
```



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But I don't quite knows where to put this line since typescript/angular remove script tag in templates. I've included JQuery in the ts files and was hoping to use the event system, but that doesn't seems to work. Any ideas? Here's the code of the ts file:

```
/// <reference path="../../typings/main.d.ts" />
import {Component, Input} from 'angular2/core';
import { RouterLink } from 'angular2/router';
import {ServerService} from './server';
```

```
@Component({
  selector: 'slider',
  templateUrl: '/app/template/slider.html',
  directives: [ ],
})
```

```
export class SliderComponent {
  @Input() images;
  private server: ServerService;
  public constructor(server: ServerService){
    this.server = server;
  }

  ngOnInit() {
    console.log("THROWING EVENT");
  }
}
```

```

    }
    $('body').trigger('Slider-Loaded');
  }
}

```

jquery



angular

typescript

edited Sep 15 '17 at 20:18



Sangwin Gawande

4,140 7 28 53

asked Mar 23 '16 at 17:06



Carl Boisvert

748 2 8 18

2 Answers



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`ngAfterViewInit()` of `AppComponent` is a lifecycle callback Angular calls after the root component and it's children have been rendered and it should fit for your purpose.

See also <https://angular.io/guide/lifecycle-hooks>

edited Jul 16 '17 at 17:31

answered Mar 23 '16 at 17:07



Günter Zöchbauer

358k 82 1137 1037

Hey, would you happen to know by any chance why the even wasn't catch before. Even if the element wasn't rendered, I expected jquery to catch the event but be unable to act on `.slider` since it wasn't rendered. – [Carl Boisvert](#) Mar 23 '16 at 17:14

Actually, no. I don't use jQuery myself. I also would expect `$('body').trigger(...)` to work anytime, no matter if the component is done initializing or not. – [Günter Zöchbauer](#) Mar 23 '16 at 17:21

- Hi, I know it's an old question but I'm having a problem trying to run jQuery code from the `ngAfterViewInit` hook. The code I want to run is: `$('#item-panel-tabs').foundation(); $('#item-panel-tabs').foundation('selectTab', 'objectPanel');` The problem is that the tab element (ID `#item-panel-tabs`) is under a `*ngIf` directive, only shown when the component receives an object, so when I call the jQuery function it's not in the DOM and it doesn't work. Any suggestion for fixing this? – [Fel](#) Nov 14 '17 at 10:01
- stackoverflow.com/a/36427769/217408 might help or you can use `[hidden]="!condition"` instead of `*ngIf="condition"` to get the element added immediately, but just not shown. – [Günter Zöchbauer](#) Nov 14 '17 at 10:26
- This answer is incorrect. `ngAfterViewInit()` is off course NOT run after template is displayed. I tried this many times and the page just starts displaying the elements, and this method runs. So it doesn't run after component has been fully displayed – [Vladimir Despotovic](#) Jan 21 '18 at 12:04

I've used this method (reported [here](#))

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```
export class AppComponent {  
  constructor() {  
    if(document.getElementById("testScript"))  
      document.getElementById("testScript").remove();  
    var testScript = document.createElement("script");  
    testScript.setAttribute("id", "testScript");  
    testScript.setAttribute("src", "assets/js/test.js");  
    document.body.appendChild(testScript);  
  }  
}
```

it worked for me since I wanted to execute a javascript file AFTER THE COMPONENT RENDERED.

answered Jan 23 '18 at 21:49



elfu
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surprise that this method may work, because of the order of implementation. HTML comes before data instituting.

<https://stackoverflow.com/questions/39707621/template-loading-first-before-constructor-in-ionic-2-app> – roger May 13 '18 at 14:56
