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How to use jQuery Plugin with Angular 4?

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I want to use a range slider in an angular project and I tried using one available module for angular 4.

It works fine during compilation but when I try to build it for deployment, it throws the below error.

```
ERROR in 1.2227278017546672@h.s.hash.js from Uglify
Unexpected token: name (FromNumericLiteral) [1.2227278017546672@h.s.hash.js:29,63]
```

I checked for the option of using jQuery plugin directly in the angular project and I'm only getting options for using jQuery 2.

Is there any way we can use jQuery plugins in Angular 4?

Please let me know.

Thanks in advance!

jquery angular

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edited Sep 15 '17 at 15:37 — Amr ElAdawy — 2,010 ● 2 ● 19 ● 35

asked May 12 '17 at 9:54 — SP-TY — 243 ● 1 ● 4 ● 11

1 Wrap it in a component: hackernoon.com/... There is no difference between ng2 and ng4 from this perspective. – Razvan Dumitru May 12 '17 at 9:56 ✓

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7 Answers

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Yes you can use jquery with Angular 4

Steps:

1) In `index.html` put below line in tag.

```
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></script>
```

2) In component ts file below you have to declare var like this

```
import { Component } from '@angular/core';
declare var jquery:any;
declare var $ :any;

@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css']
})
export class AppComponent {
  title = 'angular 4 with jquery';
  toggleTitle(){
    $('.title').slideToggle(); //
  }

}
```

And use this code for corresponding html file like this:

```
<h1 class="title" style="display:none">
  {{title}}
</h1>
<button (click)="toggleTitle()"> clickhere</button>
```

This will work for you. Thanks

share improve this answer

edited Nov 23 '17 at 13:48 — Anton Sizikov — 7,524 ● 1 ● 21 ● 38

answered May 14 '17 at 9:27 — GAURAV ROY — 999 ● 6 ● 4

It workedl! How would you use extended plugins like jquery-ui? – Tushar Jun 4 '17 at 4:50

solved: npm install jquery && typings install dt~jquery --global --save – Johannes Jun 15 '17 at 9:02

22 this is such a bad answer. Why would anyone want to add one of its projects dependencies directly into the index.html file? – Jota.Toledo Jun 23 '17 at 9:28

2 the answer bellow is what I would do. @LucasMedina – Jota.Toledo Aug 7 '17 at 12:13

1 @Jota.Toledo you mean add it to angular-cli.json? It seems really practical :) thanks for the advice – Lucas Medina Aug 7 '17 at 15:54

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Install jquery with npm

```
npm install jquery --save
```

Add typings

```
npm install --save-dev @types/jquery
```

Add scripts to angular-cli.json

```
"apps": [{
  ...
  "scripts": [
    "../node_modules/jquery/dist/jquery.min.js",
  ],
  ...
}]
```

Build project and serve

```
ng build
```

Hope this helps! Enjoy coding

share improve this answer

answered Jun 20 '17 at 13:02 — Ervin Ličkju — 1,970 ● 2 ● 6 ● 13

6 Also do not forget to `add declare var jquery:any; declare var $ :any;` to your .ts file. – Norx Aug 25 '17 at 8:32

7 @Norx the instructions include installing the types which means your lines are not needed. – salbahra Oct 16 '17 at 22:51

1 I'm getting build errors when I do this. I have jquery 3.2.1 installed with the types, so it doesn't give me errors in the code, but I still get build errors stating: `Cannot find name '$'` – Grungondola Oct 20 '17 at 14:13

@Grungondola add `declare const $: any;` above the @ decorator. – Ervin Ličkju Oct 20 '17 at 14:43

Does this play well with Angular's zone.js ? – MehmetGunacti Oct 20 '17 at 19:45

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You are not required to declare any jQuery variable as you installed @types/jquery.

```
declare var jquery:any;  // not required
declare var $ :any;  // not required
```

You should have access to jQuery everywhere.

The following should work:

```
jQuery('.title').slideToggle();
```

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edited Jul 5 '17 at 13:42 — piet.t — 9,144 ● 6 ● 29 ● 42

answered Jul 5 '17 at 13:07 — Sooil — 175 ● 2

This saved me! Thanks – Rexford Oct 4 '17 at 22:55

Not working for me! – Hossein Bajan Jan 30 at 5:44

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8

Install jQuery using NPM. Jquery NPM

```
npm install jquery
```

Install the jQuery declaration file

```
npm install -D @types/jquery
```

Import jQuery inside .ts

```
import * as $ from 'jquery';
```

call inside class

```
export class JqueryComponent implements OnInit {

constructor() {
}

ngOnInit() {
    $(window).click(function () {
        alert('ok');
        });
    }

}
```

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edited Dec 27 '17 at 18:26 — Saad — 741 ● 11 ● 20

answered Dec 27 '17 at 17:47 — Gowarthanan Venunathan — 81 ● 1 ● 3

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Try this:

```
import * as $ from 'jquery/dist/jquery.min.js'
```

Or add scripts to angular-cli.json:

```
"scripts": [
    "../node_modules/jquery/dist/jquery.min.js",
  ]
```

and in your .ts file:

```
declare var $: any;
```

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answered Nov 14 '17 at 15:46 — Bettabi Nidhal — 81 ● 4

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0

You can update your jquery typings version like so

```
npm install --save @types/jquery@latest
```

I had this same error and I've been at it for 5 days surfing the net for a solution it worked for me and it should work for you

share improve this answer

edited Jan 19 at 12:54 — dgoo — 36 ● 11

answered Jun 20 '17 at 14:11 — Didi People — 11 ● 1

add a comment

-2

```
ngOnInit() {
    const $ = window["$"];
    $('.flexslider').flexslider({
        animation: 'slide',
        start: function (slider) {
          $('body').removeClass('loading')
        }
      })
}
```

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edited Feb 22 at 20:40 — ndmeiri — 3,075 ● 3 ● 21 ● 36

answered Feb 22 at 18:14 — Irop Мацок — 1

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