

Podcast Episode #126: We chat GitHub Actions, fake boyfriends apps, and the dangers of legacy code. [Listen now](#).

How can I stop “property does not exist on type JQuery” syntax errors when using Typescript?

Asked 5 years, 3 months ago Active 8 months ago Viewed 74k times

▲ I am only using one line of jQuery in my application:

65 `$("#div.printArea").printArea();`

▼ But this is giving me a Typescript error:

★
9 The property 'printArea' does not exist on type JQuery?

Can someone tell me how I can stop this error appearing?

jquery

typescript

edited Feb 23 at 21:29



[WillardSolutions](#)

2,202 3 23 31

asked Jul 27 '14 at 18:10



[Alan2](#)

1,963 59 158 300

6 Answers

▲ You could cast it to `<any>` or extend the jquery typing to add your own method.

165 `(<any>$("#div.printArea")).printArea();`

▼ //Or add your own custom methods (Assuming this is added by yourself as a part of custom plugin)



```
interface JQuery {
  printArea():void;
}
```

edited Jul 27 '14 at 18:23

answered Jul 27 '14 at 18:16



PSL

116k 16 229 232

giving me: Error:(44, 23) TS2339: Property 'printArea' does not exist on type 'ElementFinder'. – [user47376](#) Feb 25 '16 at 10:16

searching online for 2 hours, finally, you saved me! THANKS YOU! – [Alex G](#) Jan 17 '17 at 4:12

If you try the `interface JQuery` way in an external module and define a function parameter as a JQuery type and attempt to call it from another file, TypeScript will complain that there's two types named JQuery that are unrelated. – [Sam Rueby](#) Aug 8 '18 at 12:01

Declaring the interface seems to work great. Also its much cleaner than casting to `<any>` everywhere – [Decoded](#) May 11 at 16:57

I think this is the most readable solution:

29

```
$("#div.printArea") as any).printArea();
```

answered Jun 2 '17 at 6:55



Eldamir

5,479 4 26 54

You can cast it to

8

```
(<any>$('.selector') ).function();
```

Ex: date picker initialize using jquery

```
(<any>$('.datepicker') ).datepicker();
```

edited Dec 6 '18 at 10:42

answered Jul 26 '17 at 14:25



Yanis.F

202 2 11



vishnu

130 2 3

For your example, you'd add this:

3

```
interface JQuery{  
  printArea():void;  
}
```

Edit: oops, basarat is correct below. I'm not sure why I thought it was compiling but I've updated this answer.

edited Jul 28 '14 at 1:33

answered Jul 27 '14 at 19:33



AlexB

477 2 5 13

Nope. He is wrapping an object with \$. It's not static \$ anymore – [basarat](#) Jul 27 '14 at 23:15

Hmm, you sure? I tested that in a project and it worked. – [AlexB](#) Jul 27 '14 at 23:29

yup. Your case \$.inviewport(e1) Ops case \$('selector').printArea – [basarat](#) Jul 28 '14 at 0:09

Sorry, don't mean to quibble, but my code works for me. The question seems to be about getting the code to compile, so if my code compiles, what's the issue with it? Note, my second example using printArea() works as well. – [AlexB](#) Jul 28 '14 at 0:20

\$('selector').printArea compiles? I don't think so. \$.printArea will compile though. You have been very polite so no offence taken or intended :) – [basarat](#) Jul 28 '14 at 0:50

Since printArea is a jQuery plugin it is not included in jquery.d.ts.

2

You need to create a jquery.printArea.ts definition file.

If you create a complete definition file for the plugin you may want to submit it to [DefinitelyTyped](#).

answered Jul 27 '14 at 18:16



Albin Sunnanbo

42.2k 6 61 98

And make sure that your tsconfig.json is setup right too. If it has a "types" setting then only the types listed will be recognized. If not, then it will recognize everything in node_modules/@types – [Dan Cancro](#) Aug 9 '17 at 14:34



You can also write it like this:

1

```
let elem: any;  
elem = $("div.printArea");  
elem.printArea();
```



answered Jun 10 '18 at 17:55



[iqqmuT](#)

451 4 5