jQuery Uncaught TypeError: Cannot read property 'fn' of undefined (anonymous function)

All, I'm getting an error from some of my code that I downloaded. Here is the code:

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```
/*---------------------------------------------------------------------*/
/* wl_Alert v 1.1
/* description: Handles alert boxes
/* dependency: jquery UI Slider, fadeOutSlide plugin
/*---------------------------------------------------------------------*/


$.fn.wl_Alert = function (method) {
var args = arguments;
return this.each(function () {

    var $this = $(this);


    if ($.fn.wl_Alert.methods[method]) {
        return $.fn.wl_Alert.methods[method].apply(this,
Array.prototype.slice.call(args, 1));
    } else if (typeof method === 'object' || !method) {
        if ($this.data('wl_Alert')) {
            var opts = $.extend({}, $this.data('wl_Alert'), method);
        } else {

            var opts = $.extend({}, $.fn.wl_Alert.defaults, method, $this.data());
        }
    } else {
        $.error('Method "' + method + '" does not exist');
    }


    if (!$this.data('wl_Alert')) {
```

```javascript
            if (!$this.data('wl_Alert').sticky) {
                $.fn.wl_Alert.methods.close.call($this[0]);
            }

            //prevent hiding the box if an inline link is clicked
        }).find('a').bind('click.wl_Alert', function (event) {
            event.stopPropagation();
        });
    } else {

    }
    //show it if it is hidden
    if ($this.is(':hidden')) {
        $this.slideDown(opts.speed / 2);
    }

    if (opts) $.extend($this.data('wl_Alert'), opts);
});

};

$.fn.wl_Alert.defaults = {
speed: 500,
sticky: false,
onBeforeClose: function (element) {},
onClose: function (element) {}
};
$.fn.wl_Alert.version = '1.1';


$.fn.wl_Alert.methods = {
close: function () {
    var $this = $(this),
        opts = $this.data('wl_Alert');
    //call callback and stop if it returns false
    if (opts.onBeforeClose.call(this, $this) === false) {
        return false;
    };
    //fadeout and call an callback
    $this.fadeOutSlide(opts.speed, function () {
        opts.onClose.call($this[0], $this);
    });
}.
```

```
        options[arguments[0]] = arguments[1];
    }
    $.each(options, function (key, value) {
        if ($.fn.wl_Alert.defaults[key] !== undefined || $.fn.wl_Alert.defaults[key] ==
null) {

            $this.data('wl_Alert')[key] = value;
        } else {
            $.error('Key "' + key + '" is not defined');
        }
    });


}
};


//to create an alert box on the fly
$.wl_Alert = function (text, cssclass, insert, after, options) {
//go thru all
$('div.alert').each(function () {
    var _this = $(this);
    //...and hide if one with the same text is allready set
    if (_this.text() == text) {
        _this.slideUp($.fn.wl_Alert.defaults.speed);
    }
});


//create a new DOM element and inject it
var al = $('<div class="alert ' + cssclass + '">' + text + '</div>').hide();
(after) ? al.appendTo(insert).wl_Alert(options) :
al.prependTo(insert).wl_Alert(options);


//return the element
return al;
};
```

Has anyone seen this type of error before? How would I resolve something like this? Thanks for any advice you have!

jquery

22:13

On which line is the error thrown? Which expression exactly is the cause? – Šime Vidas May 29 '12 at 22:15 ✎

2   So, `$` is undefined. That means that jQuery didn't load correctly (or some other script corrupted the `$` variable). That's all I can say, based on the
     information you're providing currently. – Šime Vidas May 29 '12 at 22:18 ✎

1   @ŠimeVidas I am using Wordpress which has a noconflict with jQuery. Do I need to do something to the above code to make that a non issue? –
     user1048676 May 29 '12 at 22:20

13 Answers

Try this:

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```
(function ( $ ) {

    // put all that "wl_alert" code here

}( jQuery ));
```

✔

So, the `$` variable is apparently corrupted, but the `jQuery` variable should still refer to the jQuery object. (In normal circumstances,
both the `$` and `jQuery` variables refer to the (same) jQuery object.)

Instead of having to replace the `$` name with the `jQuery` name in your entire code, you can simply use an IIFE to alias the name
manually. So, the outside-variable `jQuery` is aliased with the `$` variable inside the function.

Here's a simple example to help you understand this concept:

```
var foo = 'Peter';

(function ( bar ) {

    bar // evaluates to 'Peter'

}( foo ));
```

Please don't just post a single line of code. Explain it. -1 – Manishearth May 30 '12 at 11:40

@Manishearth Done :) – Šime Vidas May 30 '12 at 12:44

No publique solo una linea de código, para las personas que no son tan expertas. -1 – Rafael Dorado Jan 6 at 5:27

try to call jQuery library before bootstrap.js

68

```
<script src="js/jquery-3.3.1.min.js"></script>
<script src="js/bootstrap.min.js"></script>
```

answered Feb 20 '18 at 15:34

Said El-Ghamri
700   4   5

Does it matter when popper.js is included? – kaleidawave Oct 24 '18 at 11:10

If you get *Cannot read property 'fn' of undefined*, he problem may be you loading libraries in **wrong order.**

For example:

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You should load **bootstrap.js** first and then load *bootstrap.js* libraries.

```
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js">
</script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/bootstrap3-
dialog/1.34.7/js/bootstrap-dialog.min.js"></script>
```

answered Aug 11 '16 at 11:04

MarsPeople

10

(e.g)

```
<script
  src="https://code.jquery.com/jquery-3.3.1.min.js"
  integrity="sha256-FgpCb/KJQlLNfOu91ta32o/NMZxltwRo8QtmkMRdAu8="
  crossorigin="anonymous"></script>
```

answered Feb 22 '18 at 15:35

sanzmalz
126 1 7

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I fixed it by added the *jquery.slim.min.js* after the *jquery.min.js*, as the Solution Sequence.

Problem Sequence

```
<script src="./vendor/jquery/jquery.min.js"></script>
<script src="./vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
```

Solution Sequence

```
<script src="./vendor/jquery/jquery.min.js"></script>
<script src="./vendor/jquery/jquery.slim.min.js"></script>
<script src="./vendor/jquery-easing/jquery.easing.min.js"></script>
```

edited Sep 29 '18 at 12:24   answered Jul 15 '18 at 7:43

Khachornchit Songsaen
962 9 11

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1   if i understand correctly, `slim` is a subset of the full library. basically, you just included the full library, then the `slim` version immediately after. – Brad
Dec 20 '18 at 2:15

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```
var JJ= jQuery.noConflict();
JJ('.back').click(function (){
    window.history.back();
});
```

Change all $ to JJ.

edited Nov 22 '14 at 21:49   answered Apr 16 '14 at 17:16

Victor Azevedo
498   4   6

2   I used the noConflict function as well, but using $ as the variable so I didn't have to go through my code and change it. var $ = jQuery.noConflict(); –
Tessa Dec 22 '16 at 18:03

Ha ha ha Funny it's a simple mistake for me

2

I got `async` on my **jquery** library call. Just remove it and I got solution.

```
<script async src="https://code.jquery.com/jquery-3.3.1.min.js"></script>
```

TO

```
<script src="https://code.jquery.com/jquery-3.3.1.min.js"></script>
```

Why it did this kind of behave: I got documentation on W3schools LINK

Definition and Usage async

The async attribute is a boolean attribute.

When present, it specifies that the script will be executed asynchronously as soon as it is available.

1. If async is present: The script is executed asynchronously with the rest of the page (the script will be executed while the page continues the parsing)

2. If async is not present and defer is present: The script is executed when the page has finished parsing

3. If neither async or defer is present: The script is fetched and executed immediately, before the browser continues parsing the page

answered Dec 22 '18 at 19:37

MD Ashik
2,034   22   29

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This error might also occur if you have require.js ([requirejs](#)) implemented and you did not wrap some lib that you are using inside

```
define(['jquery'], function( jQuery ) {
  ... lib function ...
});
```

NOTE: you do not have to do this if this lib has AMD support. You can quickly check this by opening this lib and just ctrl+f "amd" :)

answered Feb 19 '15 at 9:15

karantan
450   4   14

1

I too had the "Uncaught TypeError: Cannot read property 'fn' of undefined" with:

```
$.fn.circleType = function(options) {

CODE...

};
```

But fixed it by wrapping it in a document ready function:

```
    };
```

answered Jul 6 '17 at 8:09

Levi Josman
30   8

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When I used Electron + Angular such order helped me to solve problem

```
<script src="./assets/js/jquery-3.3.1.min.js"></script>
<script src="./assets/js/jquery-3.3.1.slim.min.js"></script>
<script src="./assets/js/popper.min.js"></script>
<script src="./assets/js/bootstrap.min.js"></script>
```

answered Jan 5 at 16:07

Susha Denis
11   1

It works for me, too. – K. Symbol Jun 17 at 13:52

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I had the same problem when using bootstrap-datewidget and i loaded jquery in the header instead of loading it at the end of the body and it worked.

answered Sep 3 '15 at 12:06

Buhiire Keneth
1,062   11   8

▲   I agree with MarsPeople regarding loading libraries in the wrong order. My example is from working with owl.carousel.

and fixed it by importing jquery before owl.carousel:

```
<script src="jquery-3.1.1.min.js"></script>
<script src="owl.carousel.js"></script>
```

answered Nov 3 '16 at 16:28

josef
29   1

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Hope it helps someone on earth. In my case jQuery and $ were available but not when the plugin bootstrapped so I wrapped everything inside a setTimeout. Wrapping inside setTimeout helped me fix the error:

```
setTimeout(() => {
    /** Your code goes here */

    !function(t, e) {

    }(window);

})
```

answered Sep 25 '18 at 6:13

Black Mamba
3,556   2   28   50