Jquery/JS prevent right click menu in browsers

Asked 9 years, 10 months ago   Active 1 year ago   Viewed 81k times

53

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I have my div with a right click popup menu:

```
// Attatch right click event to folder for extra options
$('#fBox' + folderID).mousedown(function(event) {
    if (event.which == 3) {

        // Set ID
        currRClickFolder = folderID;

        // Calculate position to show popup menu
        var height = $('#folderRClickMenu').height();
        var width = $('#folderRClickMenu').width();
        leftVal = event.pageX - (width / 2) + "px";
        topVal = event.pageY - (height) + "px";
        $('#folderRClickMenu').css({ left: leftVal, top: topVal }).show();


    }
});
```

But the browser for this element still pops up the default menu (copy/paste/properties etc). Any way to disable this? I've tried return false but not luck.

javascript   jquery   right-click

asked Feb 7 '11 at 10:31

Tom Gullen
54k ●76 ●263 ●425

1   what is folderID, is this code under a loop or something else? or maybe you need preventDefault()? –
Mohammad Ali Akbari Feb 7 '11 at 10:33 ✏️

It's in a function that creates a folder dynamically. The folder ID is a unique ID for the folder. – Tom Gullen Feb 7 '11 at
10:34

12 Answers

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You can disable the right click by appending oncontextmenu="return false;" to your body tag.

```
<body oncontextmenu="return false;">
```

answered Feb 7 '11 at 10:32

Arseny
4,744 ●2 ●18 ●23

5   I don't want to disable it for every element as it will be too obtrusive to the user, just the elements I specify is what I
want. – Tom Gullen Feb 7 '11 at 10:33

21   did you try adding it to the parent of fbox instead of body ? – Shrinath Feb 7 '11 at 10:39 ✎

5   Excellent thanks! oncontextmenu="return false;" assigned to the container div worked a treat. – Tom Gullen Feb 7 '11 at 10:48

    This does not work in Firefox 10+; Neither setting it on the body or the parent element. It works in Chrome 17 and IE8. – ghbarratt Mar 6 '12 at 21:58

1   Works for me on a div element in Firefox 33, and even by assigning it dynamically with jquery: jZone.attr("oncontextmenu", "return false;"); – ling Nov 9 '14 at 11:36

You can disable context menu on any element you want:

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```
$('selector').contextmenu(function() {
    return false;
});
```

To disable context menu on the page completely (thanks to Ismail), use the following:

```
$(document).contextmenu(function() {
    return false;
});
```

edited Sep 21 '16 at 7:18   answered Jan 7 '14 at 13:31

Webars
4,388 ● 6 ● 32 ● 49

1   * worked for the whole page but the specific selector option did not. – Mych Apr 30 '14 at 12:33

4    $('*') selectors are verry heavy use $(document) – Ismail Jun 3 '15 at 22:17

One jQuery line:

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```
$('[id^="fBox"]').on("contextmenu", function(evt) {evt.preventDefault();});
```

answered May 9 '13 at 14:10

KrisWebDev
8,514 ● 4 ● 31 ● 52

Try this:

8

```
$('#fBox' + folderID).bind("contextmenu", function () {
            alert("Right click not allowed");
            return false;
        });
```

edited Feb 7 '11 at 10:43   answered Feb 7 '11 at 10:35

Sang Suantak
4,798 ● 1 ● 22 ● 41

2   If you want rest of the code to run use preventDefault() instead of return false. Return false stops all event propagation but preventDefault() will stop the current event and continue executing rest of the code. – Sang Suantak Feb 7 '11 at 10:54 ✎

Try...

4

```
$('[id^="fBox"]').mousedown(function(event) {
    if (event.which == 3) {
        event.preventDefault();
        // Set ID
        currRClickFolder = $(this).attr('id').replace('fBox','');

        // Calculate position to show popup menu
        var height = $('#folderRClickMenu').height();
        var width = $('#folderRClickMenu').width();
        leftVal = event.pageX - (width / 2) + "px";
        topVal = event.pageY - (height) + "px";
        $('#folderRClickMenu').css({ left: leftVal, top: topVal }).show();

    }
});
```

if you have any dynamic creation of these boxes then...

```
$('[id^="fBox"]').live('mousedown',function(event) {
    ...
});
```

answered Feb 7 '11 at 10:42

Ian Wood
6,227 ● 5 ● 30 ● 71

For me

2

```
$('body').on('contextmenu',function(){return false;});
```

jQuery does the job :)

edited Oct 18 '13 at 7:52   answered Oct 18 '13 at 7:47

Mirosław Karczmarczyk
229 ● 1 ● 10

This is a default behavior of browsers now to disable the alternate-click override. Each user has to allow this behavior in recent browsers. For instance, I don't allow this behavior as I always want my default pop-up menu.

2

answered Feb 7 '11 at 10:36

Using jQuery:

```
$('[id^="fBox"]').bind("contextmenu",function(e){
    return false;
});
```

Or disable context menu on the whole page:

```
$(document).bind("contextmenu",function(e){
    return false;
});
```

answered Nov 6 '12 at 23:12

I agree with @aruseni, blocking oncontextmenu at the body level you'll avoid the standard context menu on the right click for every element in the page.

But what if you want to have a finer control?

I had a similar issue and I thought I've found a good solution: why not attaching directly your context menu code to the `contextmenu` event of the specific element(s) you want to deal with? Something like this:

```
// Attatch right click event to folder for extra options
$('#fBox' + folderID).on("contextmenu", function(event) {
    // <-- here you handle your custom context menu
    // Set ID
    currRClickFolder = folderID;

    // Calculate position to show popup menu
    var height = $('#folderRClickMenu').height();
    var width = $('#folderRClickMenu').width();
    leftVal = event.pageX - (width / 2) + "px";
    topVal = event.pageY - (height) + "px";
    $('#folderRClickMenu').css({ left: leftVal, top: topVal }).show();

    event.stopImmediatePropagation();
    return false; // <-- here you avoid the default context menu
});
```

Thus you avoid handling two different events just to capture the context menu and customize it :)

Of course this assumes you don't mind having the standard context menu displayed when someone clicks the elements you didn't select. You might as well show different context menus depending on where users right-click..

HTH

1   good idea to use "contextmenu" event instead of having to use "mousedown" and then identify right click... – lepe Sep 18 '13 at 0:46

```
// Attatch right click event to folder for extra options
$('#fBox' + folderID).mousedown(function(event) {
    if (event.which == 3) {
        event.preventDefault();
        // Set ID
        currRClickFolder = folderID;

        // Calculate position to show popup menu
        var height = $('#folderRClickMenu').height();
        var width = $('#folderRClickMenu').width();
        leftVal = event.pageX - (width / 2) + "px";
        topVal = event.pageY - (height) + "px";
        $('#folderRClickMenu').css({ left: leftVal, top: topVal }).show();

    }
});
```

No luck, I add this after the div is added to the DOM but it still shows the menu – Tom Gullen Feb 7 '11 at 10:36

Here's a way I used recently (using a little jQuery too,) when I was running into a problem with it. Since the mousedown event occurs before the contextmenu, this trick seems to catch it, which is attaching a body level oncontextmenu handler to return false temporarily in the mousedown event, perform your desired action, then as an important part, remember to remove the handler afterward.

This is just part of my code extracted out, as an example...

```
$(div)
    .mousedown(function (e) {
        if (!leftButtonPressed(e)) {
            disableContextMenu(true);
            showOptions({ x: e.clientX, y: e.clientY }, div); // do my own thing here
        }
    });
```

When my showoptions() rtn finishes, a callback function is run and it calls the disable-rtn again, but with 'false':

```
disableContextMenu(false);
```

Here's my disableContextMenu() rtn:

```
function disableContextMenu(boolDisable, fn) {
    if (boolDisable) {
        $(document).contextmenu(function (e) {
            if (fn !== undefined) {
                return fn(e);
            } else {
                return false;
            }
        });
    } else {
        $(document).prop("oncontextmenu", null).off("contextmenu");
    }
}
```

answered Jan 3 '18 at 23:53

Dan K
11 ● 2

There's many Javascript snippets available to disable right-click contextual menu, but JQuery makes things a lot easier:

```
$(document).bind("contextmenu",function(e){
    return false;
});
});
```

answered Nov 19 '19 at 10:03

Jerry King
82 ● 4