

JQuery .on() method with multiple event handlers to one selector

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Trying to figure out how to use the JQuery .on() method with a specific selector that has multiple events associated with it. I was previously using the .live() method, but not quite sure how to accomplish the same feat with .on(). Please see my code below:



58

```
$("#table.planning_grid td").live({
  mouseenter:function(){
    $(this).parent("tr").find("a.delete").show();
  },
  mouseleave:function(){
    $(this).parent("tr").find("a.delete").hide();
  },
  click:function(){
    //do something else.
  }
});
```

I know I can assign the multiple events by calling:

```
$("#table.planning_grid td").on({
  mouseenter:function(){ //see above
  },
  mouseleave:function(){ //see above
  }
  click:function(){ //etc
  }
});
```

But I believe the proper use of .on() would be like so:

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Is there a way to accomplish this? Or what is the best practice here? I tried the code below, but no dice.

```
$("#table.planning_grid").on('td',{
  mouseenter: function(){ /* event1 */ },
  mouseleave: function(){ /* event2 */ },
  click: function(){ /* event3 */ }
});
```

Thanks in advance!

[javascript](#)[jquery](#)[jquery-selectors](#)[jquery-1.7](#)

edited Jan 10 '17 at 0:23



Isaac

8,038 5 24 37

asked Dec 22 '11 at 18:14



butangphp

638 2 6 8

6 Answers

That's [the other way around](#). You should write:

240



+50

```
$("#table.planning_grid").on({
  mouseenter: function() {
    // Handle mouseenter...
  },
  mouseleave: function() {
    // Handle mouseleave...
  },
  click: function() {
    // Handle click...
  }
});
```

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edited Jan 25 '13 at 21:17

answered Dec 22 '11 at 18:18



Frédéric Hamidi

212k 31 408 428

-
- 1 Why isn't the selector `$("table.planning_grid td")` ? – [Muers](#) Dec 22 '11 at 18:20
-
- 11 @Muers, it would also work and the questioner acknowledges so, but also believes that he should bind the event on the `<table>` instead of each individual `<td>` element, which is indeed the right way to go. – [Frédéric Hamidi](#) Dec 22 '11 at 18:23
-
- 34 There is a good reason to use the `.on` on the `<table>` and not on the `<td>` and it's if you dynamically add `<td>`s later. `$('table td').on...` will only effect the `<td>` that are in the table the moment you call this function. `$('table').on(..., 'td', function...)` will effect any `<td>` you will add to this table later. – [Raanan](#) May 11 '12 at 10:31
-
- 8 @Raanan, indeed, and in addition every event handler one registers has a cost, albeit tiny. When you're dealing with thousands of cells, registering a single handler on the `<table>` instead of one handler per `<td>` element becomes mandatory to achieve usable performance. – [Frédéric Hamidi](#) Aug 17 '12 at 19:10
-
- 1 Agreed. Very difficult to google this question as 'on' is such a common word and most results were related to `.bind` and `.live`. Good answer, just what I was looking for :D
@Frédéric - Your link doesn't link to a header `id` on the jquery docs page anymore. Probably a result of updated documentation. But I could not find this answer on that page. – [nzifnab](#) Jan 24 '13 at 18:01
-

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Also, if you had multiple event handlers attached to the same selector executing the same function, you could use

```
$('table.planning_grid').on('mouseenter mouseleave', funct:
    //JS Code
});
```

edited Sep 21 '15 at 4:34



Turnerj

3,545 4 26 44

answered Jun 24 '14 at 15:46



Pirijan

2,152 3 12 26

5 this is what i was looking for – [Rozza](#) Mar 16 '17 at 21:37

2 why this is not working with blur and change ??? – [Wilf](#) Sep 11 '17 at 11:41

...and then get the actual fired event type with e.type (after adding the event as a parameter, i.e. ...function(e)... – [William T. Mallard](#) Aug 8 '18 at 16:07



If you want to use the same function on different events the following code block can be used

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```
$('input').on('keyup blur focus', function () {
    //function block
});
```

edited Jul 26 '17 at 13:54



Nayantara Jeyaraj

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answered Jul 26 '17 at 12:40



thakurdev

141 1 5



I learned something really useful and fundamental from [here](#).

9



chaining functions is very usefull in this case which works on most jQuery Functions including **on** function output too.

It works because output of most jQuery functions are the input objects sets so you can use them right away and make it shorter and smarter

```
function showPhotos() {  
    $(this).find("span").slideToggle();  
}  
  
$(".photos")  
    .on("mouseenter", "li", showPhotos)  
    .on("mouseleave", "li", showPhotos);
```

edited Dec 28 '16 at 14:28



matiaslauriti

1,442 1 18 25

answered Sep 5 '14 at 14:34



Iman Abidi

12.2k 6 58 76

7



```

$("table.planning_grid").on({
  mouseenter: function() {
    // Handle mouseenter...
  },
  mouseleave: function() {
    // Handle mouseleave...
  },
  'click blur paste' : function() {
    // Handle click...
  }
}, "input");

```

answered Aug 29 '14 at 10:48

[angelmedia](#)

720 7 9



Try with the following code:

1



```

$("textarea[id^='options_'],input[id^='options_']").on('keypress blur change',
  function() {
  }
);

```

edited Oct 26 '16 at 13:33

[Paul Roub](#)

33k 8 59 76

answered Oct 26 '16 at 13:24

[Yogesh](#)

198 8

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