

[x Dismiss](#)

Join the Stack Overflow Community

Stack Overflow is a community of 6.9 million programmers, just like you, helping each other. Join them; it only takes a minute:

Sign up

Jquery UI datepicker. Disable array of Dates

I have been trying to search for a solution to my Jquery ui datepicker problem and I'm having no luck. Here's what I'm trying to do...

I have an application where i'm doing some complex PHP to return a JSON array of dates that I want BLOCKED out of the Jquery UI Datepicker. I am returning this array:

```
["2013-03-14", "2013-03-15", "2013-03-16"]
```

Is there not a simple way to simply say: block these dates from the datepicker?

I've read the UI documentation and I see nothing that helps me. Anyone have any ideas?

jquery-ui   jquery-ui-datepicker

asked Mar 14 '13 at 3:39

 [Daniel White](#)

1,110   3   22   47

- Disable specific dates in jquery – Sen Jacob Mar 14 '13 at 3:56
- jquery-ui datepicker disable specific days – Sen Jacob Mar 14 '13 at 3:56
- Can the jquery-ui datepicker be made to disable saturdays, sundays and holidays – Sen Jacob Mar 14 '13 at 3:57
- Datepicker for web page that can allow only specific dates to be clicked – Sen Jacob Mar 14 '13 at 3:58

6 Answers

You can use `beforeShowDay` to do this


The following example disables dates 14 March 2013 thru 16 March 2013

```
var array = ["2013-03-14", "2013-03-15", "2013-03-16"]

$('input').datepicker({
  beforeShowDay: function(date){
    var string = jQuery.datepicker.formatDate('yy-mm-dd', date);
    return [ array.indexOf(string) == -1 ]
  }
});
```


Demo: [Fiddle](#)

edited Oct 31 '13 at 11:30

 [Sean](#)

4,673   2   30   61

answered Mar 14 '13 at 3:42

 [Arun P Johny](#)

283k   39   312   366

- I KIND OF see where you're going with that. How would I incorporate my array of dates though. – [Daniel White](#) Mar 14 '13 at 3:56
- 1 @DanielWhite see the update – [Arun P Johny](#) Mar 14 '13 at 3:58
- 8 WOW. You're a freaking genius bro. I don't know why this isn't already in the stack overflow posts for this question since its been asked a million times. All the examples posted above are too complicated, this is nice and simple. 5 stars. Thanks. – [Daniel White](#) Mar 14 '13 at 4:04

i have downloaded the code [jqueryui.com/download/...](http://jqueryui.com/download/) but when i am integrating the above code in it its not working pls help – [suraj mishra](#) Jan 18 '14 at 3:59

One upvote is not enough. Some people make things way more complicated than they need to be. Thank you so much for a simple, working snippet. Very useful. – [0112](#) May 23 '14 at 18:17

IE 8 doesn't have indexOf function, so I used jQuery inArray instead.

```
$('#input').datepicker({
  beforeShowDay: function(date){
    var string = jQuery.datepicker.formatDate('yy-mm-dd', date);
    return [$.inArray(string, array) == -1];
  }
});
```

answered Apr 30 '14 at 19:15



[Tripex](#)  
141 1 2

4 Who still uses IE8? – [ChristopherStridom](#) Aug 10 '14 at 10:18

5 @ChristopherStridom you'd be surprised how many people still use it. – [euther](#) Aug 11 '14 at 22:36

3 This is because IE8 is the newest IE browser which will run on WinXP (SP3). – [JosephK](#) Aug 23 '14 at 8:44

What?? I used indexOf() many times back in IE6, years ago. – [HerrimanCoder](#) Dec 18 '14 at 18:47

It does however support the indexOf() function on a string for finding the position of a substring in that string. – [Wezy](#) Mar 26 '15 at 12:53

If you want to also block Sundays (or other days) as well as the array of dates, I use this code:

```
jQuery(function($){

  var disabledDays = [
    "27-4-2016", "25-12-2016", "26-12-2016",
    "4-4-2017", "5-4-2017", "6-4-2017", "6-4-2016", "7-4-2017", "8-4-2017", "9-4-2017"
  ];
  //replace these with the id's of your datepickers
  $("#id-of-first-datepicker,#id-of-second-datepicker").datepicker({
    beforeShowDay: function(date){
      var day = date.getDay();
      var string = jQuery.datepicker.formatDate('d-m-yy', date);
      var isDisabled = ($.inArray(string, disabledDays) != -1);
      //day != 0 disables all Sundays
      return [day != 0 && !isDisabled];
    }
  });
});
```

answered May 9 '16 at 10:14



[ItsMagic](#)  
11 3

```
$('#input').datepicker({
  beforeShowDay: function(date){
    var string = jQuery.datepicker.formatDate('yy-mm-dd', date);
    return [ array.indexOf(string) == -1 ]
  }
});
```

edited Jun 18 '15 at 6:49



[rink.attendant.6](#)  
10.2k 13 39 74

answered Jun 18 '15 at 6:26



[user38156](#)  
34 3

A little explanation of what you have done would be helpful – [empiric](#) Jun 18 '15 at 13:36

**beforeShowDate** didn't work for me, so I went ahead and developed my own solution:

```
$('#embeded_calendar').datepicker({
  minDate: date,
  localToday: datePlusOne,
  changeDate: true,
  changeMonth: true,
  changeYear: true,
  yearRange: "-120:+1",
```

```

onSelect: function(selectedDateFormatted){

    var selectedDate = $("#embeded_calendar").datepicker('getDate');

    deactivateDates(selectedDate);
}

});

var excludedDates = [ "10-20-2017", "10-21-2016", "11-21-2016"];

deactivateDates(new Date());

function deactivateDates(selectedDate){
    setTimeout(function(){
        var thisMonthExcludedDates = thisMonthDates(selectedDate);
        thisMonthExcludedDates = getDaysFromDate(thisMonthExcludedDates);
        var excludedTDs = page.find('td[data-
handler="selectDay"]').filter(function(){
            return $.inArray( $(this).text(), thisMonthExcludedDates) >= 0
        });

        excludedTDs.unbind('click').addClass('ui-datepicker-unselectable');
    }, 10);
}

function thisMonthDates(date){
    return $.grep( excludedDates, function( n){
        var dateParts = n.split("-");
        return dateParts[0] == date.getMonth() + 1 && dateParts[2] ==
date.getFullYear() + 1900;
    });
}

function getDaysFromDate(datesArray){
    return $.map( datesArray, function( n){
        return n.split("-")[1];
    });
}

```

answered Oct 12 '16 at 20:08



Roberto Rodriguez

171 1 9

For DD-MM-YY use this code:

```
var array = ["03-03-2017", "03-10-2017", "03-25-2017"]
```

```

$('#datepicker').datepicker({
    beforeShowDay: function(date){
        var string = jQuery.datepicker.formatDate('dd-mm-yy', date);
        return [ array.indexOf(string) == -1 ]
    }
});

function highlightDays(date) {
    for (var i = 0; i < dates.length; i++) {
        if (new Date(dates[i]).toString() == date.toString()) {
            return [true, 'highlight'];
        }
    }
    return [true, ''];
}

```

answered Mar 22 at 10:10



Dierig Patrick

103 12