**Datepicker Widget API Documentation**

**Widget Description**: Select a date from a popup or inline calendar

**Preparation**

**Necessary resources**: Link necessary js and css files as below. You can also download necessary files from <http://jqueryui.com/download/all/>

<html>

<head>

<link rel="stylesheet" href="//code.jquery.com/ui/1.12.1/themes/base/jquery-ui.css">

<link rel="stylesheet" href="/resources/demos/style.css">

<script src="https://code.jquery.com/jquery-1.12.4.js"></script>

<script src="https://code.jquery.com/ui/1.12.1/jquery-ui.js"></script>

</head>

</html>

**Setting HTML selector**: You need an input field, or any element with an id to call datepicker widget. In this document, the selector is referred to the id, *#datepicker*.

<!DOCTYPE html>

<html>

...

<body>

<p>Date: <input type="text" id="datepicker"></p>

</body>

...

</html>

**Options**

**showAnim**

**Type:**[String](http://api.jquery.com/Types/#String)

**Default:**"show"

The name of the animation used to show and hide the datepicker. Use "show" (the default), "slideDown", "fadeIn", any of the [jQuery UI effects](http://api.jqueryui.com/category/effects/). Set to an empty string to disable animation.

**Code examples:**

Initialize the datepicker with the showAnim option specified:

$( "#datepicker" ).datepicker({

showAnim: "fold"

});

Get or set the showAnim option, after initialization:

// Getter

var showAnim = $( "#datepicker" ).datepicker( "option", "showAnim" );

// Setter

$( "#datepicker" ).datepicker( "option", "showAnim", "fold" );

**List of showAnim options:**

|  |  |
| --- | --- |
| **showAnim:** | **Description** |
| 'show' | Show (default) |
| 'slideDown' | Slide down |
| 'fadeIn' | Fade in |
| 'blind' | Blind (UI Effect) |
| 'bounce' | Bounce (UI Effect) |
| 'clip' | Clip (UI Effect) |
| 'drop' | Drop (UI Effect) |
| 'fold' | Fold (UI Effect) |
| 'slide' | Slide (UI Effect) |

**showOtherMonths**

**Type:**[Boolean](http://api.jquery.com/Types/#Boolean)

**Default:**false

Whether to display dates in other months (non-selectable) at the start or end of the current month. To make these days selectable use the [selectOtherMonths](http://api.jqueryui.com/datepicker/#option-selectOtherMonths) option.

**Code examples:**

Initialize the datepicker with the showAnim option specified:

$( "#datepicker" ).datepicker({

showOtherMonths: true

});

Get or set the showOtherMonths option, after initialization:

// Getter

var showOtherMonths = $( "#datepicker" ).datepicker( "option", "showOtherMonths" );

// Setter

$( "#datepicker" ).datepicker( "option", "showOtherMonths", true );

**selectOtherMonths**

**Type:**[Boolean](http://api.jquery.com/Types/#Boolean)

**Default:**false

Whether days in other months shown before or after the current month are selectable. This only applies if the [showOtherMonths](http://api.jqueryui.com/datepicker/#option-showOtherMonths) option is set to true.

**Code examples:**

Initialize the datepicker with the showAnim option specified:

$( "#datepicker" ).datepicker({

selectOtherMonths: true

});

Get or set the selectOtherMonths option, after initialization:

// Getter

var selectOtherMonths = $( "#datepicker" ).datepicker( "option",

"selectOtherMonths" );

// Setter

$( "#datepicker" ).datepicker( "option", "selectOtherMonths", true );

**showButtonPanel**

**Type:**[Boolean](http://api.jquery.com/Types/#Boolean)

**Default:**false

Whether to display a button pane underneath the calendar. The button pane contains two buttons, a Today button that links to the current day, and a Done button that closes the datepicker. The buttons' text can be customized using the [currentText](http://api.jqueryui.com/datepicker/#option-currentText) and [closeText](http://api.jqueryui.com/datepicker/#option-closeText) options respectively.

**Code examples:**

Initialize the datepicker with the showAnim option specified:

$( "#datepicker" ).datepicker({

showButtonPanel: true

});

Get or set the showButtonPanel option, after initialization:

// Getter

var showButtonPanel = $( "#datepicker" ).datepicker( "option", "showButtonPanel" );

// Setter

$( "#datepicker" ).datepicker( "option", "showButtonPanel", true );

**changeMonth**

**Type:**[Boolean](http://api.jquery.com/Types/#Boolean)

**Default:**false

Whether the month should be rendered as a dropdown instead of text.

**Code examples:**

Initialize the datepicker with the showAnim option specified:

$( "#datepicker" ).datepicker({

changeMonth: "fold"

});

Get or set the changeMonth option, after initialization:

// Getter

var changeMonth = $( "#datepicker" ).datepicker( "option", "changeMonth" );

// Setter

$( "#datepicker" ).datepicker( "option", "changeMonth", true );

**changeYear**

**Type:**[Boolean](http://api.jquery.com/Types/#Boolean)

**Default:**false

Whether the year should be rendered as a dropdown instead of text. Use the [yearRange](http://api.jqueryui.com/datepicker/" \l "option-yearRange) option to control which years are made available for selection.

**Code examples:**

Initialize the datepicker with the changeYear option specified:

$( "#datepicker" ).datepicker({

changeYear: true

});

Get or set the changeYear option, after initialization:

// Getter

var changeYear = $( "#datepicker" ).datepicker( "option", "changeYear" );

// Setter

$( "#datepicker" ).datepicker( "option", "changeYear", true );

### numberOfMonths

**Type:**[Number](http://api.jquery.com/Types/#Number) or [Array](http://api.jquery.com/Types/#Array)

**Default:**1

The number of months to show at once.

**Multiple types supported:**

* **Number**: The number of months to display in a single row.
* **Array**: An array defining the number of rows and columns to display.

**Code examples:**

Initialize the datepicker with the numberOfMonths option specified:

$( "#datepicker" ).datepicker({

numberOfMonths: [ 2, 3 ]

});

Get or set the numberOfMonths option, after initialization:

// Getter

var numberOfMonths = $( "#datepicker" ).datepicker( "option", "numberOfMonths" );

// Setter

$( "#datepicker" ).datepicker( "option", "numberOfMonths", [ 2, 3 ] );

*\* For more information, go to* ***http://api.jqueryui.com/datepicker/***