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jQuery UI Datepicker

## Overview

The jQuery UI Datepicker is a highly configurable plugin that adds datepicker functionality to your pages. You can customize the date format and language, restrict the selectable date ranges and add in buttons and other navigation options easily.

By default, the datepicker calendar opens in a small overlay onFocus and closes automatically onBlur or when a date is selected. For an inline calendar, simply attach the datepicker to a div or span.

You can use keyboard shortcuts to drive the datepicker:

* page up/down - previous/next month
* ctrl+page up/down - previous/next year
* ctrl+home - current month or open when closed
* ctrl+left/right - previous/next day
* ctrl+up/down - previous/next week
* enter - accept the selected date
* ctrl+end - close and erase the date
* escape - close the datepicker without selection

[[edit](http://docs.jquery.com/action/edit/UI/API/1.8/Datepicker?section=1)]

### Utility functions

* [$.datepicker.setDefaults( settings )](http://docs.jquery.com/UI/Datepicker/setDefaults) - Set settings for all datepicker instances.
* [$.datepicker.formatDate( format, date, settings )](http://docs.jquery.com/UI/Datepicker/formatDate) - Format a date into a string value with a specified format.
* [$.datepicker.parseDate( format, value, settings )](http://docs.jquery.com/UI/Datepicker/parseDate)  - Extract a date from a string value with a specified format.
* [$.datepicker.iso8601Week( date )](http://docs.jquery.com/UI/Datepicker/iso8601Week) - Determine the week of the year for a given date: 1 to 53.
* [$.datepicker.noWeekends](http://docs.jquery.com/UI/Datepicker/noWeekends) - Set as beforeShowDay function to prevent selection of weekends.

[[edit](http://docs.jquery.com/action/edit/UI/API/1.8/Datepicker?section=2)]

### Localization

Datepicker provides support for localizing its content to cater for different languages and date formats. Each localization is contained within its own file with the language code appended to the name, e.g. jquery.ui.datepicker-fr.js for French. The desired localization file should be included after the main datepicker code. They add their settings to the set of available localizations and automatically apply them as defaults for all instances.

The $.datepicker.regional attribute holds an array of localizations, indexed by language code, with '' referring to the default (English). Each entry is an object with the following attributes: closeText, prevText, nextText, currentText, monthNames, monthNamesShort, dayNames, dayNamesShort, dayNamesMin, weekHeader, dateFormat, firstDay, isRTL, showMonthAfterYear, and yearSuffix.

You can restore the default localizations with:

$.datepicker.setDefaults($.datepicker.regional['']);

And can then override an individual datepicker for a specific locale:

$(selector).datepicker($.datepicker.regional['fr']);

The localization files are also available in the UI svn: <http://jquery-ui.googlecode.com/svn/trunk/ui/i18n/>

### Dependencies

* UI Core

### Example

* Demo
* View Source

A simple jQuery UI Datepicker.

$("#datepicker").datepicker();

<!DOCTYPE html>  
<html>  
<head>  
 <link href="http://ajax.googleapis.com/ajax/libs/jqueryui/1.8/themes/base/jquery-ui.css" rel="stylesheet" type="text/css"/>  
 <script src="http://ajax.googleapis.com/ajax/libs/jquery/1.5/jquery.min.js"></script>  
 <script src="http://ajax.googleapis.com/ajax/libs/jqueryui/1.8/jquery-ui.min.js"></script>  
   
 <script>  
 $(document).ready(function() {  
 $("#datepicker").datepicker();  
 });  
 </script>  
</head>  
<body style="font-size:62.5%;">  
   
<div id="datepicker"></div>  
  
</body>  
</html>

## Options

#### **disabled**Type: Boolean Default: false Disables (true) or enables (false) the datepicker. Can be set when initialising (first creating) the datepicker. Code examplesInitialize a datepicker with the disabled option specified. $( ".selector" ).datepicker({ disabled: true });Get or set the disabled option, after init. //getter var disabled = $( ".selector" ).datepicker( "option", "disabled" ); //setter $( ".selector" ).datepicker( "option", "disabled", true );

#### **altField**Type: Selector, jQuery, Element Default: '' The jQuery selector for another field that is to be updated with the selected date from the datepicker. Use the [altFormat](http://docs.jquery.com/UI/Datepicker#option-altFormat) setting to change the format of the date within this field. Leave as blank for no alternate field. Code examplesInitialize a datepicker with the altField option specified. $( ".selector" ).datepicker({ altField: '#actualDate' });Get or set the altField option, after init. //getter var altField = $( ".selector" ).datepicker( "option", "altField" ); //setter $( ".selector" ).datepicker( "option", "altField", '#actualDate' );

#### **altFormat**Type: String Default: '' The [dateFormat](http://docs.jquery.com/UI/Datepicker#option-dateFormat) to be used for the [altField](http://docs.jquery.com/UI/Datepicker#option-altField) option. This allows one date format to be shown to the user for selection purposes, while a different format is actually sent behind the scenes. For a full list of the possible formats see the [formatDate](http://docs.jquery.com/UI/Datepicker/formatDate) function Code examplesInitialize a datepicker with the altFormat option specified. $( ".selector" ).datepicker({ altFormat: 'yy-mm-dd' });Get or set the altFormat option, after init. //getter var altFormat = $( ".selector" ).datepicker( "option", "altFormat" ); //setter $( ".selector" ).datepicker( "option", "altFormat", 'yy-mm-dd' );

#### **appendText**Type: String Default: '' The text to display after each date field, e.g. to show the required format. Code examplesInitialize a datepicker with the appendText option specified. $( ".selector" ).datepicker({ appendText: '(yyyy-mm-dd)' });Get or set the appendText option, after init. //getter var appendText = $( ".selector" ).datepicker( "option", "appendText" ); //setter $( ".selector" ).datepicker( "option", "appendText", '(yyyy-mm-dd)' );

#### **autoSize**Type: Boolean Default: false Set to true to automatically resize the input field to accommodate dates in the current [dateFormat](http://docs.jquery.com/UI/Datepicker#option-dateFormat). Code examplesInitialize a datepicker with the autoSize option specified. $( ".selector" ).datepicker({ autoSize: true });Get or set the autoSize option, after init. //getter var autoSize = $( ".selector" ).datepicker( "option", "autoSize" ); //setter $( ".selector" ).datepicker( "option", "autoSize", true );

#### **buttonImage**Type: String Default: '' The URL for the popup button image. If set, [buttonText](http://docs.jquery.com/UI/Datepicker#option-buttonText) becomes the *alt* value and is not directly displayed. Code examplesInitialize a datepicker with the buttonImage option specified. $( ".selector" ).datepicker({ buttonImage: '/images/datepicker.gif' });Get or set the buttonImage option, after init. //getter var buttonImage = $( ".selector" ).datepicker( "option", "buttonImage" ); //setter $( ".selector" ).datepicker( "option", "buttonImage", '/images/datepicker.gif' );

#### **buttonImageOnly**Type: Boolean Default: false Set to true to place an image after the field to use as the trigger without it appearing on a button. Code examplesInitialize a datepicker with the buttonImageOnly option specified. $( ".selector" ).datepicker({ buttonImageOnly: true });Get or set the buttonImageOnly option, after init. //getter var buttonImageOnly = $( ".selector" ).datepicker( "option", "buttonImageOnly" ); //setter $( ".selector" ).datepicker( "option", "buttonImageOnly", true );

#### **buttonText**Type: String Default: '...' The text to display on the trigger button. Use in conjunction with [showOn](http://docs.jquery.com/UI/Datepicker#option-showOn) equal to 'button' or 'both'. Code examplesInitialize a datepicker with the buttonText option specified. $( ".selector" ).datepicker({ buttonText: 'Choose' });Get or set the buttonText option, after init. //getter var buttonText = $( ".selector" ).datepicker( "option", "buttonText" ); //setter $( ".selector" ).datepicker( "option", "buttonText", 'Choose' );

#### **calculateWeek**Type: Function Default: $.datepicker.iso8601Week A function to calculate the week of the year for a given date. The default implementation uses the ISO 8601 definition: weeks start on a Monday; the first week of the year contains the first Thursday of the year. Code examplesInitialize a datepicker with the calculateWeek option specified. $( ".selector" ).datepicker({ calculateWeek: myWeekCalc });Get or set the calculateWeek option, after init. //getter var calculateWeek = $( ".selector" ).datepicker( "option", "calculateWeek" ); //setter $( ".selector" ).datepicker( "option", "calculateWeek", myWeekCalc );

#### **changeMonth**Type: Boolean Default: false Allows you to change the month by selecting from a drop-down list. You can enable this feature by setting the attribute to true. Code examplesInitialize a datepicker with the changeMonth option specified. $( ".selector" ).datepicker({ changeMonth: true });Get or set the changeMonth option, after init. //getter var changeMonth = $( ".selector" ).datepicker( "option", "changeMonth" ); //setter $( ".selector" ).datepicker( "option", "changeMonth", true );

#### **changeYear**Type: Boolean Default: false Allows you to change the year by selecting from a drop-down list. You can enable this feature by setting the attribute to true. Use the [yearRange](http://docs.jquery.com/UI/Datepicker#option-yearRange) option to control which years are made available for selection. Code examplesInitialize a datepicker with the changeYear option specified. $( ".selector" ).datepicker({ changeYear: true });Get or set the changeYear option, after init. //getter var changeYear = $( ".selector" ).datepicker( "option", "changeYear" ); //setter $( ".selector" ).datepicker( "option", "changeYear", true );

#### **closeText**Type: String Default: 'Done' The text to display for the close link. This attribute is one of the regionalisation attributes. Use the [showButtonPanel](http://docs.jquery.com/UI/Datepicker#option-showButtonPanel) to display this button. Code examplesInitialize a datepicker with the closeText option specified. $( ".selector" ).datepicker({ closeText: 'X' });Get or set the closeText option, after init. //getter var closeText = $( ".selector" ).datepicker( "option", "closeText" ); //setter $( ".selector" ).datepicker( "option", "closeText", 'X' );

#### **constrainInput**Type: Boolean Default: true When true entry in the input field is constrained to those characters allowed by the current [dateFormat](http://docs.jquery.com/UI/Datepicker#option-dateFormat). Code examplesInitialize a datepicker with the constrainInput option specified. $( ".selector" ).datepicker({ constrainInput: false });Get or set the constrainInput option, after init. //getter var constrainInput = $( ".selector" ).datepicker( "option", "constrainInput" ); //setter $( ".selector" ).datepicker( "option", "constrainInput", false );

#### **currentText**Type: String Default: 'Today' The text to display for the current day link. This attribute is one of the regionalisation attributes. Use the [showButtonPanel](http://docs.jquery.com/UI/Datepicker#option-showButtonPanel) to display this button. Code examplesInitialize a datepicker with the currentText option specified. $( ".selector" ).datepicker({ currentText: 'Now' });Get or set the currentText option, after init. //getter var currentText = $( ".selector" ).datepicker( "option", "currentText" ); //setter $( ".selector" ).datepicker( "option", "currentText", 'Now' );

#### **dateFormat**Type: String Default: 'mm/dd/yy' The format for parsed and displayed dates. This attribute is one of the regionalisation attributes. For a full list of the possible formats see the [formatDate](http://docs.jquery.com/UI/Datepicker/formatDate) function. Code examplesInitialize a datepicker with the dateFormat option specified. $( ".selector" ).datepicker({ dateFormat: 'yy-mm-dd' });Get or set the dateFormat option, after init. //getter var dateFormat = $( ".selector" ).datepicker( "option", "dateFormat" ); //setter $( ".selector" ).datepicker( "option", "dateFormat", 'yy-mm-dd' );

#### **dayNames**Type: Array Default: ['Sunday', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday'] The list of long day names, starting from Sunday, for use as requested via the [dateFormat](http://docs.jquery.com/UI/Datepicker#option-dateFormat) setting. They also appear as popup hints when hovering over the corresponding column headings. This attribute is one of the regionalisation attributes. Code examplesInitialize a datepicker with the dayNames option specified. $( ".selector" ).datepicker({ dayNames: ['Dimanche', 'Lundi', 'Mardi', 'Mercredi', 'Jeudi', 'Vendredi', 'Samedi'] });Get or set the dayNames option, after init. //getter var dayNames = $( ".selector" ).datepicker( "option", "dayNames" ); //setter $( ".selector" ).datepicker( "option", "dayNames", ['Dimanche', 'Lundi', 'Mardi', 'Mercredi', 'Jeudi', 'Vendredi', 'Samedi'] );

#### **dayNamesMin**Type: Array Default: ['Su', 'Mo', 'Tu', 'We', 'Th', 'Fr', 'Sa'] The list of minimised day names, starting from Sunday, for use as column headers within the datepicker. This attribute is one of the regionalisation attributes. Code examplesInitialize a datepicker with the dayNamesMin option specified. $( ".selector" ).datepicker({ dayNamesMin: ['Di', 'Lu', 'Ma', 'Me', 'Je', 'Ve', 'Sa'] });Get or set the dayNamesMin option, after init. //getter var dayNamesMin = $( ".selector" ).datepicker( "option", "dayNamesMin" ); //setter $( ".selector" ).datepicker( "option", "dayNamesMin", ['Di', 'Lu', 'Ma', 'Me', 'Je', 'Ve', 'Sa'] );

#### **dayNamesShort**Type: Array Default: ['Sun', 'Mon', 'Tue', 'Wed', 'Thu', 'Fri', 'Sat'] The list of abbreviated day names, starting from Sunday, for use as requested via the [dateFormat](http://docs.jquery.com/UI/Datepicker#option-dateFormat) setting. This attribute is one of the regionalisation attributes. Code examplesInitialize a datepicker with the dayNamesShort option specified. $( ".selector" ).datepicker({ dayNamesShort: ['Dim', 'Lun', 'Mar', 'Mer', 'Jeu', 'Ven', 'Sam'] });Get or set the dayNamesShort option, after init. //getter var dayNamesShort = $( ".selector" ).datepicker( "option", "dayNamesShort" ); //setter $( ".selector" ).datepicker( "option", "dayNamesShort", ['Dim', 'Lun', 'Mar', 'Mer', 'Jeu', 'Ven', 'Sam'] );

#### **defaultDate**Type: Date, Number, String Default: null Set the date to highlight on first opening if the field is blank. Specify either an actual date via a Date object or as a string in the current [dateFormat](http://docs.jquery.com/UI/Datepicker#option-dateFormat), or a number of days from today (e.g. +7) or a string of values and periods ('y' for years, 'm' for months, 'w' for weeks, 'd' for days, e.g. '+1m +7d'), or null for today. Code examplesInitialize a datepicker with the defaultDate option specified. $( ".selector" ).datepicker({ defaultDate: +7 });Get or set the defaultDate option, after init. //getter var defaultDate = $( ".selector" ).datepicker( "option", "defaultDate" ); //setter $( ".selector" ).datepicker( "option", "defaultDate", +7 );

#### **duration**Type: String, Number Default: 'normal' Control the speed at which the datepicker appears, it may be a time in milliseconds or a string representing one of the three predefined speeds ("slow", "normal", "fast"). Code examplesInitialize a datepicker with the duration option specified. $( ".selector" ).datepicker({ duration: 'slow' });Get or set the duration option, after init. //getter var duration = $( ".selector" ).datepicker( "option", "duration" ); //setter $( ".selector" ).datepicker( "option", "duration", 'slow' );

#### **firstDay**Type: Number Default: 0 Set the first day of the week: Sunday is 0, Monday is 1, ... This attribute is one of the regionalisation attributes. Code examplesInitialize a datepicker with the firstDay option specified. $( ".selector" ).datepicker({ firstDay: 1 });Get or set the firstDay option, after init. //getter var firstDay = $( ".selector" ).datepicker( "option", "firstDay" ); //setter $( ".selector" ).datepicker( "option", "firstDay", 1 );

#### **gotoCurrent**Type: Boolean Default: false When true the current day link moves to the currently selected date instead of today. Code examplesInitialize a datepicker with the gotoCurrent option specified. $( ".selector" ).datepicker({ gotoCurrent: true });Get or set the gotoCurrent option, after init. //getter var gotoCurrent = $( ".selector" ).datepicker( "option", "gotoCurrent" ); //setter $( ".selector" ).datepicker( "option", "gotoCurrent", true );

#### **hideIfNoPrevNext**Type: Boolean Default: false Normally the previous and next links are disabled when not applicable (see [minDate](http://docs.jquery.com/UI/Datepicker#option-minDate)/[maxDate](http://docs.jquery.com/UI/Datepicker#option-maxDate)). You can hide them altogether by setting this attribute to true. Code examplesInitialize a datepicker with the hideIfNoPrevNext option specified. $( ".selector" ).datepicker({ hideIfNoPrevNext: true });Get or set the hideIfNoPrevNext option, after init. //getter var hideIfNoPrevNext = $( ".selector" ).datepicker( "option", "hideIfNoPrevNext" ); //setter $( ".selector" ).datepicker( "option", "hideIfNoPrevNext", true );

#### **isRTL**Type: Boolean Default: false True if the current language is drawn from right to left. This attribute is one of the regionalisation attributes. Code examplesInitialize a datepicker with the isRTL option specified. $( ".selector" ).datepicker({ isRTL: true });Get or set the isRTL option, after init. //getter var isRTL = $( ".selector" ).datepicker( "option", "isRTL" ); //setter $( ".selector" ).datepicker( "option", "isRTL", true );

#### **maxDate**Type: Date, Number, String Default: null Set a maximum selectable date via a Date object or as a string in the current [dateFormat](http://docs.jquery.com/UI/Datepicker#option-dateFormat), or a number of days from today (e.g. +7) or a string of values and periods ('y' for years, 'm' for months, 'w' for weeks, 'd' for days, e.g. '+1m +1w'), or null for no limit. Code examplesInitialize a datepicker with the maxDate option specified. $( ".selector" ).datepicker({ maxDate: '+1m +1w' });Get or set the maxDate option, after init. //getter var maxDate = $( ".selector" ).datepicker( "option", "maxDate" ); //setter $( ".selector" ).datepicker( "option", "maxDate", '+1m +1w' );

#### **minDate**Type: Date, Number, String Default: null Set a minimum selectable date via a Date object or as a string in the current [dateFormat](http://docs.jquery.com/UI/Datepicker#option-dateFormat), or a number of days from today (e.g. +7) or a string of values and periods ('y' for years, 'm' for months, 'w' for weeks, 'd' for days, e.g. '-1y -1m'), or null for no limit. Code examplesInitialize a datepicker with the minDate option specified. $( ".selector" ).datepicker({ minDate: new Date(2007, 1 - 1, 1) });Get or set the minDate option, after init. //getter var minDate = $( ".selector" ).datepicker( "option", "minDate" ); //setter $( ".selector" ).datepicker( "option", "minDate", new Date(2007, 1 - 1, 1) );

#### **monthNames**Type: Array Default: ['January', 'February', 'March', 'April', 'May', 'June', 'July', 'August', 'September', 'October', 'November', 'December'] The list of full month names, for use as requested via the [dateFormat](http://docs.jquery.com/UI/Datepicker#option-dateFormat) setting. This attribute is one of the regionalisation attributes. Code examplesInitialize a datepicker with the monthNames option specified. $( ".selector" ).datepicker({ monthNames: ['Januar','Februar','Marts','April','Maj','Juni','Juli','August','September','Oktober','November','December'] });Get or set the monthNames option, after init. //getter var monthNames = $( ".selector" ).datepicker( "option", "monthNames" ); //setter $( ".selector" ).datepicker( "option", "monthNames", ['Januar','Februar','Marts','April','Maj','Juni','Juli','August','September','Oktober','November','December'] );

#### **monthNamesShort**Type: Array Default: ['Jan', 'Feb', 'Mar', 'Apr', 'May', 'Jun', 'Jul', 'Aug', 'Sep', 'Oct', 'Nov', 'Dec'] The list of abbreviated month names, as used in the month header on each datepicker and as requested via the [dateFormat](http://docs.jquery.com/UI/Datepicker#option-dateFormat) setting. This attribute is one of the regionalisation attributes. Code examplesInitialize a datepicker with the monthNamesShort option specified. $( ".selector" ).datepicker({ monthNamesShort: ['Jan','Feb','Mar','Apr','Maj','Jun','Jul','Aug','Sep','Okt','Nov','Dec'] });Get or set the monthNamesShort option, after init. //getter var monthNamesShort = $( ".selector" ).datepicker( "option", "monthNamesShort" ); //setter $( ".selector" ).datepicker( "option", "monthNamesShort", ['Jan','Feb','Mar','Apr','Maj','Jun','Jul','Aug','Sep','Okt','Nov','Dec'] );

#### **navigationAsDateFormat**Type: Boolean Default: false When true the [formatDate](http://docs.jquery.com/UI/Datepicker/formatDate) function is applied to the [prevText](http://docs.jquery.com/UI/Datepicker#option-prevText), [nextText](http://docs.jquery.com/UI/Datepicker#option-nextText), and [currentText](http://docs.jquery.com/UI/Datepicker#option-currentText) values before display, allowing them to display the target month names for example. Code examplesInitialize a datepicker with the navigationAsDateFormat option specified. $( ".selector" ).datepicker({ navigationAsDateFormat: true });Get or set the navigationAsDateFormat option, after init. //getter var navigationAsDateFormat = $( ".selector" ).datepicker( "option", "navigationAsDateFormat" ); //setter $( ".selector" ).datepicker( "option", "navigationAsDateFormat", true );

#### **nextText**Type: String Default: 'Next' The text to display for the next month link. This attribute is one of the regionalisation attributes. With the standard ThemeRoller styling, this value is replaced by an icon. Code examplesInitialize a datepicker with the nextText option specified. $( ".selector" ).datepicker({ nextText: 'Later' });Get or set the nextText option, after init. //getter var nextText = $( ".selector" ).datepicker( "option", "nextText" ); //setter $( ".selector" ).datepicker( "option", "nextText", 'Later' );

#### **numberOfMonths**Type: Number, Array Default: 1 Set how many months to show at once. The value can be a straight integer, or can be a two-element array to define the number of rows and columns to display. Code examplesInitialize a datepicker with the numberOfMonths option specified. $( ".selector" ).datepicker({ numberOfMonths: [2, 3] });Get or set the numberOfMonths option, after init. //getter var numberOfMonths = $( ".selector" ).datepicker( "option", "numberOfMonths" ); //setter $( ".selector" ).datepicker( "option", "numberOfMonths", [2, 3] );

#### **prevText**Type: String Default: 'Prev' The text to display for the previous month link. This attribute is one of the regionalisation attributes. With the standard ThemeRoller styling, this value is replaced by an icon. Code examplesInitialize a datepicker with the prevText option specified. $( ".selector" ).datepicker({ prevText: 'Earlier' });Get or set the prevText option, after init. //getter var prevText = $( ".selector" ).datepicker( "option", "prevText" ); //setter $( ".selector" ).datepicker( "option", "prevText", 'Earlier' );

#### **selectOtherMonths**Type: Boolean Default: false When true days in other months shown before or after the current month are selectable. This only applies if [showOtherMonths](http://docs.jquery.com/UI/Datepicker#option-showOtherMonths) is also true. Code examplesInitialize a datepicker with the selectOtherMonths option specified. $( ".selector" ).datepicker({ selectOtherMonths: true });Get or set the selectOtherMonths option, after init. //getter var selectOtherMonths = $( ".selector" ).datepicker( "option", "selectOtherMonths" ); //setter $( ".selector" ).datepicker( "option", "selectOtherMonths", true );

#### **shortYearCutoff**Type: String, Number Default: '+10' Set the cutoff year for determining the century for a date (used in conjunction with [dateFormat](http://docs.jquery.com/UI/Datepicker#option-dateFormat) 'y'). If a numeric value (0-99) is provided then this value is used directly. If a string value is provided then it is converted to a number and added to the current year. Once the cutoff year is calculated, any dates entered with a year value less than or equal to it are considered to be in the current century, while those greater than it are deemed to be in the previous century. Code examplesInitialize a datepicker with the shortYearCutoff option specified. $( ".selector" ).datepicker({ shortYearCutoff: 50 });Get or set the shortYearCutoff option, after init. //getter var shortYearCutoff = $( ".selector" ).datepicker( "option", "shortYearCutoff" ); //setter $( ".selector" ).datepicker( "option", "shortYearCutoff", 50 );

#### **showAnim**Type: String Default: 'show' Set the name of the animation used to show/hide the datepicker. Use 'show' (the default), 'slideDown', 'fadeIn', any of the show/hide [jQuery UI effects](http://docs.jquery.com/UI/Effects), or '' for no animation. Code examplesInitialize a datepicker with the showAnim option specified. $( ".selector" ).datepicker({ showAnim: 'fold' });Get or set the showAnim option, after init. //getter var showAnim = $( ".selector" ).datepicker( "option", "showAnim" ); //setter $( ".selector" ).datepicker( "option", "showAnim", 'fold' );

#### **showButtonPanel**Type: Boolean Default: false Whether to show the button panel. Code examplesInitialize a datepicker with the showButtonPanel option specified. $( ".selector" ).datepicker({ showButtonPanel: true });Get or set the showButtonPanel option, after init. //getter var showButtonPanel = $( ".selector" ).datepicker( "option", "showButtonPanel" ); //setter $( ".selector" ).datepicker( "option", "showButtonPanel", true );

#### **showCurrentAtPos**Type: Number Default: 0 Specify where in a [multi-month](http://docs.jquery.com/UI/Datepicker#option-numberOfMonths) display the current month shows, starting from 0 at the top/left. Code examplesInitialize a datepicker with the showCurrentAtPos option specified. $( ".selector" ).datepicker({ showCurrentAtPos: 3 });Get or set the showCurrentAtPos option, after init. //getter var showCurrentAtPos = $( ".selector" ).datepicker( "option", "showCurrentAtPos" ); //setter $( ".selector" ).datepicker( "option", "showCurrentAtPos", 3 );

#### **showMonthAfterYear**Type: Boolean Default: false Whether to show the month after the year in the header. This attribute is one of the regionalisation attributes. Code examplesInitialize a datepicker with the showMonthAfterYear option specified. $( ".selector" ).datepicker({ showMonthAfterYear: true });Get or set the showMonthAfterYear option, after init. //getter var showMonthAfterYear = $( ".selector" ).datepicker( "option", "showMonthAfterYear" ); //setter $( ".selector" ).datepicker( "option", "showMonthAfterYear", true );

#### **showOn**Type: String Default: 'focus' Have the datepicker appear automatically when the field receives focus ('focus'), appear only when a button is clicked ('button'), or appear when either event takes place ('both'). Code examplesInitialize a datepicker with the showOn option specified. $( ".selector" ).datepicker({ showOn: 'both' });Get or set the showOn option, after init. //getter var showOn = $( ".selector" ).datepicker( "option", "showOn" ); //setter $( ".selector" ).datepicker( "option", "showOn", 'both' );

#### **showOptions**Type: Options Default: {} If using one of the jQuery UI effects for [showAnim](http://docs.jquery.com/UI/Datepicker#option-showAnim), you can provide additional settings for that animation via this option. Code examplesInitialize a datepicker with the showOptions option specified. $( ".selector" ).datepicker({ showOptions: {direction: 'up' });Get or set the showOptions option, after init. //getter var showOptions = $( ".selector" ).datepicker( "option", "showOptions" ); //setter $( ".selector" ).datepicker( "option", "showOptions", {direction: 'up' );

#### **showOtherMonths**Type: Boolean Default: false Display dates in other months (non-selectable) at the start or end of the current month. To make these days selectable use [selectOtherMonths](http://docs.jquery.com/UI/Datepicker#option-selectOtherMonths). Code examplesInitialize a datepicker with the showOtherMonths option specified. $( ".selector" ).datepicker({ showOtherMonths: true });Get or set the showOtherMonths option, after init. //getter var showOtherMonths = $( ".selector" ).datepicker( "option", "showOtherMonths" ); //setter $( ".selector" ).datepicker( "option", "showOtherMonths", true );

#### **showWeek**Type: Boolean Default: false When true a column is added to show the week of the year. The [calculateWeek](http://docs.jquery.com/UI/Datepicker#option-calculateWeek) option determines how the week of the year is calculated. You may also want to change the [firstDay](http://docs.jquery.com/UI/Datepicker#option-firstDay) option. Code examplesInitialize a datepicker with the showWeek option specified. $( ".selector" ).datepicker({ showWeek: true });Get or set the showWeek option, after init. //getter var showWeek = $( ".selector" ).datepicker( "option", "showWeek" ); //setter $( ".selector" ).datepicker( "option", "showWeek", true );

#### **stepMonths**Type: Number Default: 1 Set how many months to move when clicking the Previous/Next links. Code examplesInitialize a datepicker with the stepMonths option specified. $( ".selector" ).datepicker({ stepMonths: 3 });Get or set the stepMonths option, after init. //getter var stepMonths = $( ".selector" ).datepicker( "option", "stepMonths" ); //setter $( ".selector" ).datepicker( "option", "stepMonths", 3 );

#### **weekHeader**Type: String Default: 'Wk' The text to display for the week of the year column heading. This attribute is one of the regionalisation attributes. Use [showWeek](http://docs.jquery.com/UI/Datepicker#option-showWeek) to display this column. Code examplesInitialize a datepicker with the weekHeader option specified. $( ".selector" ).datepicker({ weekHeader: 'W' });Get or set the weekHeader option, after init. //getter var weekHeader = $( ".selector" ).datepicker( "option", "weekHeader" ); //setter $( ".selector" ).datepicker( "option", "weekHeader", 'W' );

#### **yearRange**Type: String Default: 'c-10:c+10' Control the range of years displayed in the year drop-down: either relative to today's year (-nn:+nn), relative to the currently selected year (c-nn:c+nn), absolute (nnnn:nnnn), or combinations of these formats (nnnn:-nn). Note that this option only affects what appears in the drop-down, to restrict which dates may be selected use the [minDate](http://docs.jquery.com/UI/Datepicker#option-minDate) and/or [maxDate](http://docs.jquery.com/UI/Datepicker#option-maxDate) options. Code examplesInitialize a datepicker with the yearRange option specified. $( ".selector" ).datepicker({ yearRange: '2000:2010' });Get or set the yearRange option, after init. //getter var yearRange = $( ".selector" ).datepicker( "option", "yearRange" ); //setter $( ".selector" ).datepicker( "option", "yearRange", '2000:2010' );

#### **yearSuffix**Type: String Default: '' Additional text to display after the year in the month headers. This attribute is one of the regionalisation attributes. Code examplesInitialize a datepicker with the yearSuffix option specified. $( ".selector" ).datepicker({ yearSuffix: 'CE' });Get or set the yearSuffix option, after init. //getter var yearSuffix = $( ".selector" ).datepicker( "option", "yearSuffix" ); //setter $( ".selector" ).datepicker( "option", "yearSuffix", 'CE' );

## Events

#### **create**Type: datepickercreate This event is triggered when datepicker is created. Code examplesSupply a callback function to handle the create event as an init option. $( ".selector" ).datepicker({ create: function(event, ui) { ... } });Bind to the create event by type: datepickercreate. $( ".selector" ).bind( "datepickercreate", function(event, ui) { ... });

#### **beforeShow**function(input, inst) Can be a function that takes an input field and current datepicker instance and returns an options object to update the datepicker with. It is called just before the datepicker is displayed. Code examplesSupply a callback function to handle the beforeShow event as an init option. $('.selector').datepicker({ beforeShow: function(input, inst) { ... } });

#### **beforeShowDay**function(date) The function takes a date as a parameter and must return an array with [0] equal to true/false indicating whether or not this date is selectable, [1] equal to a CSS class name(s) or '' for the default presentation, and [2] an optional popup tooltip for this date. It is called for each day in the datepicker before it is displayed. Code examplesSupply a callback function to handle the beforeShowDay event as an init option. $('.selector').datepicker({ beforeShowDay: function(date) { ... } });

#### **onChangeMonthYear**function(year, month, inst) Allows you to define your own event when the datepicker moves to a new month and/or year. The function receives the selected year, month (1-12), and the datepicker instance as parameters. this refers to the associated input field. Code examplesSupply a callback function to handle the onChangeMonthYear event as an init option. $('.selector').datepicker({ onChangeMonthYear: function(year, month, inst) { ... } });

#### **onClose**function(dateText, inst) Allows you to define your own event when the datepicker is closed, whether or not a date is selected. The function receives the selected date as text ('' if none) and the datepicker instance as parameters. this refers to the associated input field. Code examplesSupply a callback function to handle the onClose event as an init option. $('.selector').datepicker({ onClose: function(dateText, inst) { ... } });

#### **onSelect**function(dateText, inst) Allows you to define your own event when the datepicker is selected. The function receives the selected date as text and the datepicker instance as parameters. this refers to the associated input field. Code examplesSupply a callback function to handle the onSelect event as an init option. $('.selector').datepicker({ onSelect: function(dateText, inst) { ... } });

## Methods

### **destroy**Signature: .datepicker( "destroy" ) Remove the datepicker functionality completely. This will return the element back to its pre-init state.

### **disable**Signature: .datepicker( "disable" ) Disable the datepicker.

### **enable**Signature: .datepicker( "enable" ) Enable the datepicker.

### **option**Signature: .datepicker( "option" , optionName , [value] ) Get or set any datepicker option. If no value is specified, will act as a getter.

### **option**Signature: .datepicker( "option" , options ) Set multiple datepicker options at once by providing an options object.

### **widget**Signature: .datepicker( "widget" ) Returns the .ui-datepicker element.

### **dialog**Signature: .datepicker( "dialog" , date , [onSelect] , [settings] , [pos] ) Open a datepicker in a "dialog" box. dateText: the initial date for the date picker as either a Date or a string in the current date format. onSelect: A callback function when a date is selected. The function receives the date text and date picker instance as parameters. settings: The new settings for the date picker. pos: The position of the top/left of the dialog as [x, y] or a MouseEvent that contains the coordinates. If not specified the dialog is centered on the screen.

### **isDisabled**Signature: .datepicker( "isDisabled" ) Determine whether a date picker has been disabled.

### **hide**Signature: .datepicker( "hide" ) Close a previously opened date picker.

### **show**Signature: .datepicker( "show" ) Call up a previously attached date picker.

### **refresh**Signature: .datepicker( "refresh" ) Redraw a date picker, after having made some external modifications.

### **getDate**Signature: .datepicker( "getDate" ) Returns the current date for the datepicker or null if no date has been selected.

### **setDate**Signature: .datepicker( "setDate" , date ) Sets the current date for the datepicker. The new date may be a Date object or a string in the current [date format](http://docs.jquery.com/UI/Datepicker#option-dateFormat) (e.g. '01/26/2009'), a number of days from today (e.g. +7) or a string of values and periods ('y' for years, 'm' for months, 'w' for weeks, 'd' for days, e.g. '+1m +7d'), or null to clear the selected date.

## Theming

The jQuery UI Datepicker plugin uses the jQuery UI CSS Framework to style its look and feel, including colors and background textures. We recommend using the ThemeRoller tool to create and download custom themes that are easy to build and maintain.

If a deeper level of customization is needed, there are widget-specific classes referenced within the jquery.ui.datepicker.css stylesheet that can be modified. These classes are highlighed in bold below.

### Sample markup with jQuery UI CSS Framework classes

<div id="ui-datepicker-div" class="**ui-datepicker** ui-widget ui-widget-content ui-helper-clearfix ui-corner-all ui-helper-hidden-accessible">

   <div class="**ui-datepicker-header** ui-widget-header ui-helper-clearfix ui-corner-all">

      <a class="**ui-datepicker-prev** ui-corner-all">title="Prev"><span class="ui-icon ui-icon-circle-triangle-w">Prev</span></a>

      <a class="**ui-datepicker-next** ui-corner-all" title="Next"><span class="ui-icon ui-icon-circle-triangle-e">Next</span></a>

      <div class="**ui-datepicker-title**">

         <span class="**ui-datepicker-month**">January</span><span class="**ui-datepicker-year**">2009</span>

      </div>

   </div>

   <table class="**ui-datepicker-calendar**">

      <thead>

      <tr>

         <th class="**ui-datepicker-week-end**"><span title="Sunday">Su</span></th>

         ...

      </tr>

      </thead>

      <tbody><tr>

         <td class="**ui-datepicker-week-end ui-datepicker-other-month** "> 1 </td>

         ...

      </tr>

      </tbody>

   </table>

   <div class="**ui-datepicker-buttonpane** ui-widget-content">

      <button type="button" class="**ui-datepicker-current** ui-state-default ui-priority-secondary ui-corner-all">Today</button>

      <button type="button" class="**ui-datepicker-close** ui-state-default ui-priority-primary ui-corner-all">Done</button>

   </div>

</div>

**Note: This is a sample of markup generated by the datepicker plugin, not markup you should use to create a datepicker. The only markup needed for that is <input type="text" /> or <div></div>.**