

### Simple Use Case: YAHOO.widget.Calendar

**Markup:**  
`<div id="container"></div>`

**Script:**  
`var myCal = new YAHOO.widget.Calendar("container");  
myCal.render();`

Creates a single page Calendar instance set to the current month.

### Constructor: YAHOO.widget.Calendar, CalendarGroup

`YAHOO.widget.Calendar([str calId,] str|HTMLElement  
container [,obj config]);`

`YAHOO.widget.CalendarGroup([str calId,] str|HTMLElement  
container [,obj config]);`

**Arguments:**

- calId:** HTML ID for the new element created by the control to house the Calendar's DOM structure (*optional, as of 2.4.0*). If not provided, the container's ID with a "\_t" suffix is used.
- container:** HTML ID of (or a reference to) an existing but empty HTML element into which the new Calendar will be inserted.
- config:** Calendar configuration settings object (*optional*).

### Solutions

Render a single page calendar set displaying January 2008 with Spanish weekdays and month names:

```
myCal = new YAHOO.widget.Calendar("container",
    { pagedate: "1/2008",
      MONTHS_LONG:["Jenero","Febrero", ... ,"Diciembre"],
      WEEKDAYS_SHORT:["Lu", "Ma", ... , "Do"]});
myCal.render();
```

Add highlighting for Mexican holidays using CSS styles:

```
<style>
    .m1 .d1, .m1 .d6, .m2 .d5, .m2 .d14, .m2 .d24
    { background-color:yellow; }
</style>
```

There are two ways to configure options on your Calendar:

```
// 1. In the constructor, via an object literal:
myCal = new YAHOO.widget.Calendar("container",
    { pagedate: "5/2008"});

// 2. Via "setProperty" after rendering:
myCal.cfg.setProperty("pagedate", "5/2008");
```

### Interesting Moments in Calendar, CalendarGroup

See online docs for complete list of Calendar and CalendarGroup events.

| Event           | Fires...                                     | Arguments:  |
|-----------------|--|---|
| selectEvent     | After a date is selected.                    | Array of date fields selected by the current action (e.g., <code>[[2008,8,1],[2008,8,2]]</code> )   |
| deselectEvent   | After a date has been deselected.            | Array of date fields deselected by the current action (e.g., <code>[[2008,8,1],[2008,8,2]]</code> ) |
| changePageEvent | When the Calendar navigates to a new month.  | none  |
| showEvent       | When the Calendar's show() method is called. | none  |
| hideEvent       | When the Calendar's hide() method is called. | none  |

All Calendar events are Custom Events (see Event Utility docs); subscribe to these events using their subscribe method: `myCal.selectEvent.subscribe(fnMyHandler)`; Event-specific arguments, if present, will be passed in an array as the second argument to the event handler. Some events also have a "before" event which can be subscribed to

### Calendar Options

Configure options using the constructor configuration object or `setProperty`, as described in "Solutions"

Calendar objects include several configurable options, including:

|                                   |  |                           |
|-----------------------------------|--|---------------------------|
| SHOW_WEEKDAYS<br>HIDE_BLANK_WEEKS | SHOW_WEEK_HEADER<br>PAGES (CalendarGroup only) | MULTI_SELECT<br>NAVIGATOR |
|-----------------------------------|--|---------------------------|

### Localizing Calendar and CalendarGroup

Calendar instances can be localized via configuration options, including:

|  |   |                                  |
|--|---|----------------------------------|
| MONTHS_SHORT<br>MONTHS_LONG<br>LOCALE_MONTHS | WEEKDAYS_1CHAR<br>WEEKDAYS_SHORT<br>LOCALE_WEEKDAYS | WEEKDAYS_MEDIUM<br>WEEKDAYS_LONG |
|--|---|----------------------------------|

Applying localization properties requires the same syntax as any other properties in a Calendar's `cfg` object:

```
myCal = new YAHOO.widget.Calendar("calEl", "container");
myCal.cfg.setProperty("MONTHS_SHORT",
    ["Jan", "Feb", "Mär", "Apr", "Mai", "Jun", "Jul", "Aug",
     "Sep", "Okt", "Nov", "Dez"] );
myCal.cfg.setProperty("LOCALE_MONTHS", "short");
myCal.render();
```

### Dependencies

Calendar requires the YAHOO Object, Event, and Dom.

### YAHOO.widget.Calendar & CalendarGroup Properties

**id** (str)  
**cfg** (Config)  
the cal's configuration object  
**oDomContainer** (el)  
the cal's outer container

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### YAHOO.widget.Calendar & CalendarGroup Methods

**Navigation:**

**addMonths**(int)  
**addYears**(int)  
**subtractMonths**(int)  
**subtractYears**(int)  
**setMonth**(int)  
**setYear**(int)  
**nextMonth**()  
**nextYear**()  
**previousMonth**()  
**previousYear**()

**Rendering:**

**render**()  
renders current state to page  
**addRenderer**  
(s dates, fn renderer)  
**addWeekdayRenderer**  
(int wkld, fn renderer)  
**addMonthRenderer**  
(int month, fn renderer)  
**show**()  
**hide**()

**Selection:**

**select**(str date)  
**selectCell**(int cellIdx)  
**deselect**(str date)  
**deselectCell**(int cellIdx)  
**deselectAll**()  
**getSelectedDates**()  
returns array of JS date objects  
**clear**()  
removes all selected dates, resets month/year

**Other:**

**reset**()  
resets calendar to original state  
**myCal.cfg.setProperty**  
(propName, propValue)  
**myCal.cfg.getProperty**  
(propName)