

Simple Use Case: YAHOO.widget.Calendar

Markup:

```
<div id="container"></div>
```

Script:

```
var myCal = new YAHOO.widget.Calendar("calEl",
    "container");
myCal.render();
```

Creates a 1-up Calendar instance set to the current month.

Constructor: YAHOO.widget.Calendar, Calendar2up

```
YAHOO.widget.Calendar(str newElID, str containerID,
    [str monthYear, str selectedDates]);
```

Arguments:

- (1) **New element ID:** HTML ID for a new element created by the control to house the Calendar's DOM structure.
- (2) **Container element ID:** HTML ID for an existing but empty HTML element into which the new Calendar will be inserted.
- (3) **Month/year:** The month to display upon rendering ("MM/YYYY").
- (4) **Selected dates:** Dates to be pre-selected. Dates and date ranges can be comma-separated in this string argument (e.g. "MM/DD, MM/DD-MM/DD, MM/DD/YYYY"). Omit spaces.

Solutions

Render a **1-up calendar** set displaying January 2008, with **Spanish weekdays and monthnames**:

```
myCal = new YAHOO.widget.Calendar("myCalEl",
    "container", "12/2008");
myCal.customConfig = function() {
    this.Config.Locale.MONTHS_LONG = ["Jenero",
        "Febrero", ... , "Diciembre"];
    this.Config.Locale.WEEKDAYS_SHORT = ["Lu", "Ma",
        "Mi", "Ju", "Vi", "Sa", "Do"];
}
myCal.setupConfig();
myCal.render();
```

Add renderer for Mexican holidays using a preexisting CSS class named `calHolidays`:

```
var renderHolidays = function(workingDate, cell) {
    YAHOO.util.Dom.addClass(cell, "calHolidays");
}
myCal.addRenderer("1/1,1/6,2/5,2/14,2/24,3/5,3/21,4/
    2/2007-4/8/2007,5/1,5/5,5/10,5/18 ...",
    renderHolidays);
myCal.render();
```

Key Interesting Moments in Calendar, Calendar2up

Event	Fires...	Arguments:
onSelect	...after a date is selected.	Array of date fields selected by the current action (e.g., <code>[[2008,8,1],[2008,8,2]]</code>)
onBeforeSelect	...when a date is selected, before processing change.	none
onChangePage	...when the Calendar navigates to a new month.	none
onClear	...when the Calendar is cleared.	none
onDeselect	...after a date is deselected.	Array of date fields deselected by the current action (e.g., <code>[[2008,8,1],[2008,8,2]]</code>)

When using YAHOO.widget.Calendar, event methods can be accessed on the instance: `myCal.onSelect = myFn`. When using Calendar2up, event methods are set using the `setChildFunction` method: `myCal.setChildFunction("onSelect", myFn)`.

Calendar Options

Configure options before rendering, or call `setupConfig()` and re-render; see docs for use with Calendar2up.

Calendar objects include an Options member which is configurable: `myCal.Options.MULTI_SELECT = true`; key properties include:

SHOW_WEEKDAYS	SHOW_WEEK_HEADER	MULTI_SELECT HIDE_BLANK_WEEKS
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Localizing Calendar See docs for use with Calendar2up.

Calendar objects include a Locale member which is configurable for internationalization; Locale's key properties include:

MONTHS_SHORT MONTHS_LONG	WEEKDAYS_1CHAR WEEKDAYS_SHORT	WEEKDAYS_MEDIUM WEEKDAYS_LONG
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Applying Locale properties requires overriding the customConfig method (on your instance or in the prototype):

```
myCal = new YAHOO.widget.Calendar("calEl",
    "container");
myCal.customConfig = function() {
    this.Config.Locale.MONTHS_SHORT =
        ["Jan", "Feb", "Mär", "Apr", "Mai", "Jun", "Jul",
            "Aug", "Sep", "Okt", "Nov", "Dez"];
}
myCal.setupConfig();
myCal.render();
```

Dependencies

Calendar requires the YAHOO object, Event, and Dom.

YAHOO.widget.Calendar & Calendar_Core: Properties

minDate (d)
maxDate (d)
pageDate (d) current month year; read-only

YAHOO.widget.Calendar & Calendar_Core: Methods

addMonthRenderer(int *month*, fn *renderer*)
addMonths(int) navigates to current month + int months
addRenderer(s *dates*, fn *renderer*)
addWeekdayRenderer(int *wkd*, fn *renderer*)
addYears(int) navigates int years forward
clear() removes all selected dates
getSelectedDates() returns an array of JS date objects
nextMonth()
nextYear()
previousMonth()
previousYear()
render() renders cal. to page
reset() resets to original state
select(str *date*)
setMonth(int)
setupConfig() initializes configuration options; always do this after changing config, then (re)render
setYear(int)
subtractMonths(int)
subtractYears(int)

YAHOO.widget.Calendar2up & CalendarGroup

Calendar2up shares many of the navigation methods of Calendar. Its key additional methods are these:

setChildFunction(str *fn name*, fn *function*) use this to set event methods with Calendar2up
callChildFunction(str *fn name*) use this to call Calendar methods from a Calendar2up instance