YUI Library: Calendar and CalendarGroup

2.4

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]);
```

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., `[[2008,8,1],[2008,8,2]]`)
deselectEvent	After a date has been deselected.	Array of date fields deselected by the current action (e.g., `[[2008,8,1],[2008,8,2]]`)
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 HIDE_BLANK_WEEKS	SHOW_WEEK_ HEADER PAGES (CalendarGroup only)	MULTI_SELECT NAVIGATOR

Localizing Calendar and CalendarGroup

Calendar instances can be localized via configuration options, including:

MONTHS_SHORT MONTHS_LONG LOCALE_MONTHS	WEEKDAYS_1CHAR WEEKDAYS_SHORT LOCALE_WEEKDAYS	WEEKDAYS_MEDIUM 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

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 *wkd*, 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)