

Table of Contents

JSCalendarContrib.....	1
Summary of Contents.....	1
Detailed Documentation.....	1
Foswiki::Contrib::JSCalendarContrib::renderDateForEdit(\$name, \$value, \$format [,	
\\%cssClass]) -> \$html.....	1
Foswiki::Contrib::JSCalendarContrib::addHEAD(\$setup).....	1
Using the Calendar in user forms.....	2
Installation Instructions.....	3
Contrib Info.....	3

JSCalendarContrib

Mishoo JSCalendar, packaged for use by plugins, skins and add-ons.

Summary of Contents

This module packages the Mishoo JSCalendar Javascript in a form suitable for use with Foswiki.

Detailed Documentation

Read the Mishoo documentation or visit the demo page for detailed information on using the calendar widget.

This package also includes a small Perl module to make using the calendar easier from Foswiki plugins. This module includes the functions:

Foswiki::Contrib::JSCalendarContrib::renderDateForEdit(\$name, \$value, \$format [, \%cssClass]) -> \$html

This is the simplest way to use calendars from a plugin.

- `$name` is the name of the CGI parameter for the calendar (it should be unique),
- `$value` is the current value of the parameter (may be undef)
- `$format` is the format to use (optional; the default is set in `configure`). The HTML returned will display a date field and a drop-down calendar.
- `\%options` is an optional hash containing base options for the textfield.

Example:

```
use Foswiki::Contrib::JSCalendarContrib;
...
my $fromDate = Foswiki::Contrib::JSCalendarContrib::renderDateForEdit(
    'from', '1 April 1999');
my $toDate = Foswiki::Contrib::JSCalendarContrib::renderDateForEdit(
    'to', undef, '%Y');
```

Foswiki::Contrib::JSCalendarContrib::addHEAD(\$setup)

This function will automatically add the headers for the calendar to the page being rendered. It's intended for use when you want more control over the formatting of your calendars than `renderDateForEdit` affords. `$setup` is the name of the calendar setup module; it can either be omitted, in which case the method described in the Mishoo documentation can be used to create calendars, or it can be `'foswiki'`, in which case a Javascript helper function called `'showCalendar'` is added that simplifies using calendars to set a value in a text field. For example, say we wanted to display the date with the calendar icon *before* the text field, using the format `%Y %b %e`

```
# Add styles and javascript for the calendar
use Foswiki::Contrib::JSCalendarContrib;
...

sub commonTagsHandler {
    ....
    # Enable 'showCalendar'
    Foswiki::Contrib::JSCalendarContrib::addHEAD( 'foswiki' );
}
```

```

my $cal = CGI::image_button(
    -name => 'img_datefield',
    -onclick =>
        "return showCalendar('id_datefield','%Y %b %e')",
    -src=> Foswiki::Func::getPubUrlPath() . '/' .
        $Foswiki::cfg{SystemWebName} .
        '/JSCalendarContrib/img.gif',
    -alt => 'Calendar',
    -align => 'middle' )
. CGI::textfield(
    { name => 'date', id => "id_datefield" });
....
}

```

The first parameter to `showCalendar` is the id of the textfield, and the second parameter is the date format. Default format is `'%e %B %Y'`.

All available date specifiers:

```

%a - abbreviated weekday name
%A - full weekday name
%b - abbreviated month name
%B - full month name
%C - century number
%d - the day of the month ( 00 .. 31 )
%e - the day of the month ( 0 .. 31 )
%H - hour ( 00 .. 23 )
%I - hour ( 01 .. 12 )
%j - day of the year ( 000 .. 366 )
%k - hour ( 0 .. 23 )
%l - hour ( 1 .. 12 )
%m - month ( 01 .. 12 )
%M - minute ( 00 .. 59 )
%n - a newline character
%p - "PM" or "AM"
%P - "pm" or "am"
%S - second ( 00 .. 59 )
%s - number of seconds since Epoch (since Jan 01 1970 00:00:00 UTC)
%t - a tab character
%U, %W, %V - the week number
    The week 01 is the week that has the Thursday in the current year,
    which is equivalent to the week that contains the fourth day of January.
    Weeks start on Monday.
%u - the day of the week ( 1 .. 7, 1 = MON )
%w - the day of the week ( 0 .. 6, 0 = SUN )
%y - year without the century ( 00 .. 99 )
%Y - year including the century ( ex. 1979 )
%% - a literal % character

```

`addHEAD` can be called from `commonTagsHandler` for adding the header to all pages, or from `beforeEditHandler` just for edit pages etc.

An alternative to `commonTagsHandler` is `postRenderingHandler` which is more efficient since it is called less often.

Using the Calendar in user forms

You can also use the calendar directly in your own hand-built forms, without having to write any code. Just add this inline in the topic text:

```
%INCLUDE{"%SYSTEMWEB%/JSCalendarContribInline"%}
```

Then, to display a calendar icon next to a text input field:

```
<input type="text" id="cal_val_here" />
<input type="image" src="%PUBURL%/%SYSTEMWEB%/JSCalendarContrib/img.gif" onclick="javascrip
```

If the contrib is installed, you will see such a field here:

Installation Instructions

You do not need to install anything in the browser to use this extension. The following instructions are for the administrator who installs the extension on the server.

Open configure, and open the "Extensions" section. Use "Find More Extensions" to get a list of available extensions. Select "Install".

If you have any problems, or if the extension isn't available in `configure`, then you can still install manually from the command-line. See <http://foswiki.org/Support/ManuallyInstallingExtensions> for more help.

- An administrator can customize the appearance of the calendar using the `configure` interface to set the style, language and time format options.

Contrib Info

Another great Foswiki extension from the  **WikiRing** - working together to improve your wiki experience!

Author:	Foswiki:Main/CrawfordCurrie http://c-dot.co.uk
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License:	GPL (GNU General Public License)
Version:	5987 (2010-01-09)
Release:	09 Jan 2010
Change History:	
09 Jan 2010	Adding the Config.spec file with the 3 settings so that people do not have to manually create the file.
20 Sep 2009	Small documentation update in connection with release of Foswiki 1.0.7
16 Dec 2008	Foswiki version
10 Sep 2008	Bugs:Item5991 Applied patch to fix rendering on IE7 .
06 Sep 2007	Bugs:Item4030 Added doc for using the calendar in user forms
13603	Bugs:Item2982 cleaned up the interface to the contrib, re-added a date rendering function with a more generic interface
11594	Allow format to be configured.
11415	Add a <code>renderFormFieldForEditHandler</code> so other plugins can forward to this handler to add the date field to the DataForms. (TWiki:Main.ThomasWeigert)
10247	Bugs:Item2054 put the calendar at z-index 2000, way above pattern skin divs.
6634	Bugs:Item453 removed EditTablePlugins private copy of the Mishoo JS calendar, and made sure it works with JSCalendarContrib. Improved the documentation of the JSCalendar while I was there.
6626	Bugs:Item468 updated docs for Dakar release
5048	Cairo readiness
5039	Split from SharedCode
27 Dec 2005	updated to calendar version 1.0; set style for Safari to win2k-1
14 Aug 2004	Separated out from SharedCode module

Dependencies:	None
Home:	http://foswiki.org/Extensions/JSCalendarContrib
Support:	http://foswiki.org/Support/JSCalendarContrib

Related Topics: SitePreferences

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 -  Users
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 -  Index
 -  Search
 -  Changes
 -  Notifications
 -  RSS Feed
 -  Statistics
 -  Preferences
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 - TextFormattingRules
 - Macros
 - FormattedSearch
 - QuerySearch
 - DocumentGraphics
 - SkinBrowser
 - InstalledPlugins
- **Admin Maintenance**
 - Reference Manual
 - AdminToolsCategory
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