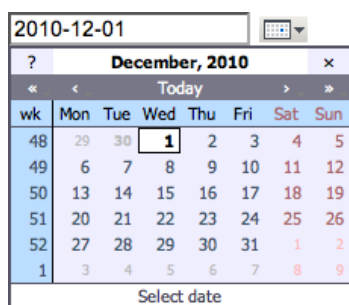


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JS Calendar Contrib



Mishoo JSCalendar: A pop-up calendar for use in TWiki forms and TWiki applications

Introduction

This module packages the Mishoo JSCalendar , a DHTML pop-up calendar in a form suitable for use in TWiki forms and TWiki applications.

Using the Calendar in TWikiForms

This package adds a `date` type to TWikiForms:

Type	Description	Size	Value
<code>date</code>	Single-line text box and a button next to it to pick a date from a popup calendar. The date can also be typed into the text box. The date format can be customized.	Text box width in number of characters	Initial (default) date

Example form definition:

Name:	Type:	Size:	Values:	Tooltip message:
Start date	<code>date</code>	12	2019-12-14	Select start date

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="javascript: ret
```

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

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 TWiki plugins. This module includes the functions:

renderDateForEdit

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

addHEAD

TWiki::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 `'twiki'`, 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 TWiki::Contrib::JSCalendarContrib;
...

sub commonTagsHandler {
    ....
    # Enable 'showCalendar'
    TWiki::Contrib::JSCalendarContrib::addHEAD( 'twiki' );

    my $scal = CGI::image_button(
        -name => 'img_datefield',
        -onclick =>
            "return showCalendar('id_datefield','%Y %b %e')",
        -src=> TWiki::Func::getPubUrlPath() . '/' .
            TWiki::Func::getTwikiWebname() .
            '/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.

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 where TWiki is running.

Like many other TWiki extensions, this module is shipped with a fully automatic installer script written using the `BuildContrib`.

- If you have TWiki 4.2 or later, you can install from the `configure` interface (Go to Plugins->Find More Extensions)
 - ◆ See the installation supplement on TWiki.org for more information.
- If you have any problems, then you can still install manually from the command-line:
 1. Download one of the `.zip` or `.tgz` archives
 2. Unpack the archive in the root directory of your TWiki installation.
 3. Run the installer script (`perl <module>_installer`)
 4. Run `configure` and enable the module, if it is a plugin.
 5. Repeat for any missing dependencies.
- If you are **still** having problems, then instead of running the installer script:
 1. Make sure that the file permissions allow the webserver user to access all files.
 2. Check in any installed files that have existing `, v` files in your existing install (take care **not** to lock the files when you check in)
 3. Manually edit `LocalSite.cfg` to set any configuration variables.

JSCalendarContrib < TWiki < TWiki

- An administrator can customize the appearance of the calendar by modifying `{JSCalendarContrib}` settings in the "JSCalendarContrib Settings" section of the configure:

Setting	Default
<code>\$TWiki::cfg{JSCalendarContrib}{format}</code>	'%Y-%m-%d'
<code>\$TWiki::cfg{JSCalendarContrib}{lang}</code>	'en'
<code>\$TWiki::cfg{JSCalendarContrib}{style}</code>	'blue'

Contrib Info

- Set SHORTDESCRIPTION = Mishoo JSCalendar: A pop-up calendar for use in TWiki forms and TWiki applications

Author:	TWiki:Main.CrawfordCurrie http://c-dot.co.uk
Copyright:	© See the Mishoo documentation for Mishoo JSCalendar © 2007-2011 TWiki:TWiki.TWikiContributor for TWiki JSCalendarContrib
License:	GPL (GNU General Public License)
Dependencies:	None
Version:	21601 (2011-08-20)
Change History:	
2011-07-08:	TWikibug:Item6725 : Change global package variables from "use vars" to "our" -- TWiki:Main.PeterThoeny
2010-12-03:	TWikibug:Item6609 : In TWikiForms type table, automatically list the date form field type defined in this contrib -- TWiki:Main.PeterThoeny
2010-11-17:	TWikibug:Item6530 : Doc fixes: Changing TWIKIWEB to SYSTEMWEB
2010-11-04:	TWikibug:Item6603 : Add transparent image for nicer date button in TWiki Forms
2010-05-16:	TWikibug:Item6433 : Doc improvements
2009-04-27:	TWikibug:Item6254 Adding "JSCalendarContrib Settings" section to configure; changing default to ISO date format; improved documentation (TWiki:Main/PeterThoeny)
2008-09-10:	TWikibug:Item5991 Applied patch to fix rendering on IE7
2007-09-06:	TWikibug:Item4030 Added doc for using the calendar in user forms
13603	TWikibug: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 TWikiForms. (TWiki:Main.ThomasWeigert)
10247	TWikibug:Item2054 put the calendar at z-index 2000, way above pattern skin divs.
6634	TWikibug: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	TWikibug: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
Home:	http://TWiki.org/cgi-bin/view/Plugins/JSCalendarContrib
Feedback:	http://TWiki.org/cgi-bin/view/Plugins/JSCalendarContribDev
Appraisal:	http://TWiki.org/cgi-bin/view/Plugins/JSCalendarContribAppraisal

Related Topics: TWikiPreferences, TWikiForms

This topic: TWiki > JSCalendarContrib

Topic revision: r13 - 2011-07-09 - TWikiContributor



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Ideas, requests, problems regarding TWiki? Send feedback

Note: Please contribute updates to this topic on TWiki.org at TWiki:TWiki.JSCalendarContrib.