

Registration for CAL-events

Extension Key: register4cal

Language: en

Keywords: keywords comma-separated

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Introduction

What does it do?

You use the cal extension to display events for your registered users. The register4cal extension now allows registered users to register as participants for selected events. The extension register4cal comes with the following features:

- Additional fields for the registration form, customizable via TypoScript
- Users, displaying an event after having registered for this event, get a message that they have already registered
- Frontend-users can be linked with event organizers. These frontend-users can then see a list of participants for their events.
- Each frontend-users can see a list of events for which he has registered
- When a user registers for an event, he can receive a confirmation email.
- When a user registers for an event, the organizer can receive a notification email
- Registration for single events is possible from the event single view
- Registration for multiple events is possible from the event list view

Screenshots

Event

Title: Some Course
Start date: March 27
Start time: 08:00
End time: 16:00
Organizer: Thomas Ernst
Location: XYZ-School

Register for this event

No of participants

Comments

Image 1: Event displayed with registration form

Registrations for my events

Title	Some very interesting event	Organizer name	Thomas Ernst
Start	11.05.2009 12:00	End	11.05.2009 13:00
Name	Address	ZIP/City	Email
User Name	26, Some street	20432 Mycity	typo3@thernst.de

Image 2: Registration list for organizer

Events for which I have registered

Title	Start	End	Organizer name
Some very interesting event	11.05.2009 12:00	11.05.2009 13:00	Thomas Ernst

Image 3: Registration list for user

Languages

This manual is written in english. A german version is also available. The extension contains localizations for german and english.

Users manual

The register4cal extension works closely with the cal extension. Thus, most settings can be found via extended cal objects. If you are looking information on how to create an cal event, please refer to the manual of the cal extension.

Activate the registration feature for an event

To activate the registration feature you need to open the calendar event record. You will find the three fields regarding to the registration on the "other" tab:



The screenshot shows a form with three sections: 'Activate registration' with a checkbox, 'Registration start' with a checkbox and a text input field, and 'Registration end' with a checkbox and a text input field.

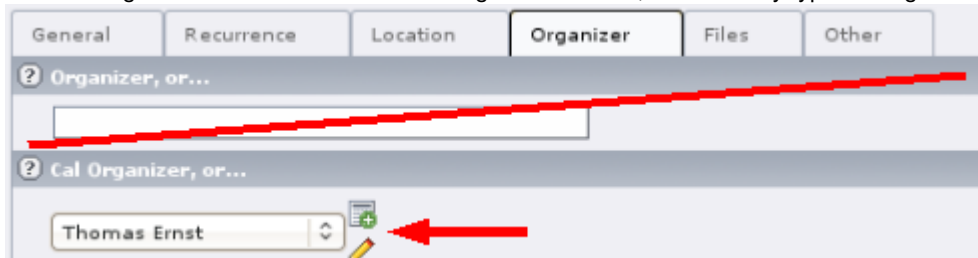
Image 4: Fields related to registration in the calendar event record

To activate the registration feature, check the field "Activate registration". If you want, you can set a start and an end date for the registration. If you leave these fields empty, the registration period starts immediately and ends at the start day of the event.

Allow frontend users to see registrations for "their" events

If frontend users should be able to see the registrations for "their" events, there are to things to set up.

First, you need to use an organizer via an "calendar event organizer" record, not an freely typed in organizer.



The screenshot shows the 'Organizer' tab with a dropdown menu for 'Organizer, or...' and a dropdown menu for 'Cal Organizer, or...' with 'Thomas Ernst' selected. A red arrow points to the 'Cal Organizer, or...' dropdown.

Image 5: Use an cal organizer in the event record

Second, the extension needs to know, which frontend user(s) are linked with this organizer. This can be set via an additional field in the cal organizer record. At the bottom of the fields for the calendar event organizer is another additional field. You can select the frontend users linked to this organizer here:



The screenshot shows a list of users who are allowed to see the registrations for events of this organizer. The list contains 'ThErnst' and 'Website user'.

Image 6: Link frontend users with the organizer in the organizer record

If you want the organizer to receive emails when someone registers for his event, make sure you have entered an email address for the organizer.

Thats everything needed to activate the registration feature for an event and have the organizer see the participants in the frontend.

Administration

Installation notes

To install the extension, perform the following steps:

1. Make sure the extension "cal" is installed. If it isn't, install it or you can't use the register4cal extension.
2. Import the register4cal extension and install it.
3. Confirm the requested DB modifications. The extension will add new fields to two tables of the cal extension. It also comes with one own table.
4. Insert the static template from the extension into your main template.
5. Adapt the typoscript settings to your needs (See section "Configuration" for details)

You do not need to create any sysfolders as registrations will automatically be stored in the same folder as event.

Adding the plugins

Registrations for single events

The registration form is automatically displayed, if the following conditions apply:

- The single event view of cal is being displayed.
- An event is displayed in this view.
- A fe-user is logged in.
- The registration for the displayed event has been activated.
- The current date is in the registration period (If no registration period is given, the start of the event is the end of the registration period.)

So activate the registration feature for an event, login as fe-user and display this event in your frontend. You are able to register for it.

Registrations for multiple events

The registration for multiple events requires additional changes in your cal templates.

- In your list-template (default: EXT:cal/template/list.tmpl) add the marker `###MODULE__tx_register4cal_submit###` (care about upper/lower case and the double underscore after "MODULE"!) in subpart `###LIST_TEMPLATE###` where the submit-button should be displayed if registration fields are being displayed.

```
<!-- ###LIST_TEMPLATE### begin -->

<!-- ###PAGEBROWSER### begin -->
<p class="pagebrowser">###PAGEOF###   ###PAGES###   ###PREVIOUS###   ###NEXT###</p>
<!-- ###PAGEBROWSER### end -->

<h1>###HEADING###</h1>
###FOUND###
<!-- ###PRE_LIST_TEMPLATE### begin -->
###MODULE__tx_register4cal_submit###
<dl>
<!-- ###PRE_LIST_TEMPLATE### end -->
    <!-- ###LIST### start -->
    <!-- ###LIST### end -->
<!-- ###POST_LIST_TEMPLATE### begin -->
</dl>
###MODULE__tx_register4cal_submit###
<!-- ###POST_LIST_TEMPLATE### end -->

<!-- ###PAGEBROWSER### begin -->
<p class="pagebrowser">###PAGEOF###   ###PAGES###   ###PREVIOUS###   ###NEXT###</p>
<!-- ###PAGEBROWSER### end -->

###CREATE_EVENT_LINK###
<!-- ###LIST_TEMPLATE### end -->
```

Image 7: Example of list template with submit buttons

- In your event template (default: EXT:cal/template/phpicalendar_event.tmpl) add the marker `###MODULE__tx_register4cal_listreg###` (care about upper/lower case and the double underscore after "MODULE"!) in subparts `###TEMPLATE_PHPICALNDAR_EVENT_LIST_ODD###` and `###TEMPLATE_PHPICALNDAR_EVENT_LIST_EVEN###` where the registration fields for an event should be displayed if registration for the event is enabled.

```
<!-- ###TEMPLATE_PHPICALNDAR_EVENT_LIST_ODD### start -->
<dt>
  <!-- ###EVENT_LINK### start-->
    ###IMAGE### ###TITLE###
  <!-- ###EVENT_LINK### end--><br />
  ###STARTDATE### ###ENDDATE###
  <span class="V9G">###STARTTIME### ###ENDTIME###</span><br />
  ###MODULE__tx_register4cal_listreg###
  <br /><span class="V9G">###CATEGORY_LINK###</span>
</dt>
<dd>###DESCRIPTION###</dd>
<!-- ###TEMPLATE_PHPICALNDAR_EVENT_LIST_ODD### end -->
<!-- ###TEMPLATE_PHPICALNDAR_EVENT_LIST_EVEN### start -->
<dt class="even">
  <!-- ###EVENT_LINK### start-->
    ###IMAGE### ###TITLE###
  <!-- ###EVENT_LINK### end--><br />
  ###STARTDATE### ###ENDDATE###
  <span class="V9G">###STARTTIME### ###ENDTIME###</span><br />
  ###MODULE__tx_register4cal_listreg###
  <br /><span class="V9G">###CATEGORY_LINK###</span>
</dt>
<dd class="even">###DESCRIPTION###</dd>
<!-- ###TEMPLATE_PHPICALNDAR_EVENT_LIST_EVEN### end -->
```

Image 8: Example of event template with registration fields

- Now registration from the list view is possible as well.

Display registrations

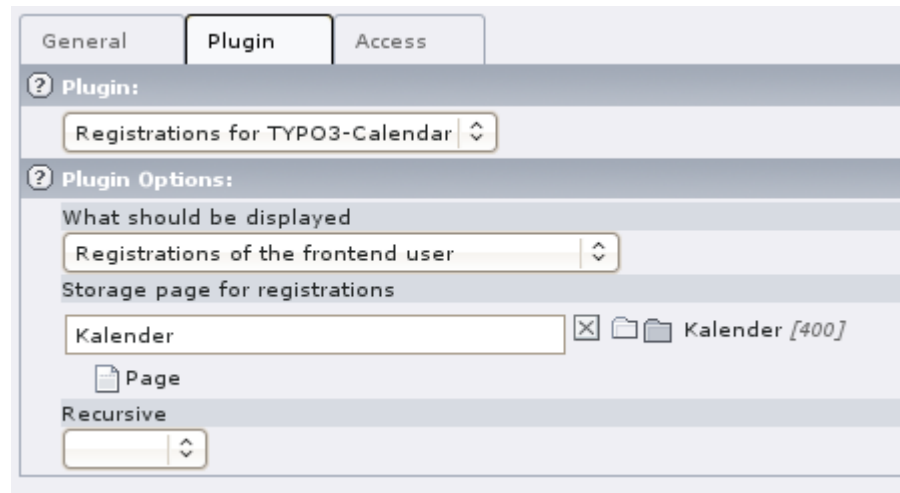
To display the registrations either of the frontend user or for the events where the frontend user is the organizer, you need to add plugins, probably on separate pages.

Configure these content elements as following:



Image 9: Insert a plugin

Go to the "Plugin"-Tab and select the "Registrations for TYPO3-Calendar" plugin. Select the "Registrations of the frontend user" or the "Registrations for events of the frontend user" to be displayed:



General Plugin Access

? Plugin:
Registrations for TYPO3-Calendar

? Plugin Options:

What should be displayed
Registrations of the frontend user

Storage page for registrations
Kalender [400]

Page

Recursive

Image 10: Settings for the plugin

This time, you need to set the storage page for registrations. Set it to the sysfolder where the calendar events are stored for which you want to display the registrations.

Configuration

The complete configuration of the extension can be done via TypeScript. This is the main structure of the TypeScript:

```
#Setup
plugin.tx_register4cal_pi1{
    template = EXT:register4cal/templates/register.tpl
    dateformat = %d.%m.%Y
    timeformat = %H:%M

    emails {
        sendConfirmationMail = 1
        sendNotificationMail = 1
        senderName = Email Sender
        senderAddress = Some@email.address
        adminAddress =
    }

    forms {
        #The forms section can be very voluminous. It contains definitions for
        #all markers in the template.
        forms {
            default {
                #Default settings for all templates
            }
            registrationForm {
                #Settings for the template for the registration form
            }
            confirmationForm {
                #Settings for the template for the registration confirmation
            }
            alreadyRegistered {
                #Settings for the template for the information,
                #that the user has already registered
            }
            confirmationMail {
                #Settings for the template for the confirmation mail to
                #the user
            }
            notificationMail {
                #Settings for the template for the notification mail to the
                #organizer
            }
            eventList {
                #Settings for the template for the list of events to which
                #an user has registered
            }
            participantList {
                #Settings for the template for the list of participants for the
                #events of an organizer
            }
        }
    }

    edit {
        useDateSelector = 1
        calConf {
            dateTimeFormat =
            toolTipDateTimeFormat =
            inputFieldDateTimeFormat = %y-%m-%d
            weekStartsMonday = 0
            weekend = 6,0
            allowedYearMin = 1900
            allowedYearMax = 2070
            displayWeekNumbers = 1
            showMethod = element
            showPositionAbsolute = 0,0
            stylesheet = EXT:rlmp_dateselectlib/calendar-system.css
            inputFieldLabel = ...
        }
    }
    view {
        eventViewPid = 0
        adminUsers = 0
    }
}
```

The following reference explains the parts

Reference

General Settings

Property:	Datatype:	Description:	Default:
template	string	Filename of the template file to use	EXT:register4cal/templates/register.tpl
dateFormat	string	Format to display dates. Pear Syntax.	%d.%m.%Y
timeFormat	string	Format to display times. Pear Syntax.	%H:%M
disableNeedLoginForm	boolean	Disables the "Need to login"-Form, which informs the user, that he needs to login before he can register.	1
onetimepid	integer	Page id of page containing the onetimeaccount-Plugin	0
onetimeaccountreturnparam	string	Name of the url-parameter which is needed to provide the onetimeaccount extension with the url it should return to.	redirect_url
loginpid	integer	Page id of page containing the login form	0
loginreturnparam	string	Name of the url-parameter which is needed to provide to provide the loginform with the url it should return to afterwards	redirect_url

Settings for sending emails when an user has registered

When an user has registered, two emails can be sent. One can confirm the registration to the user, the second can inform the organizer about the registration. The settings for these emails can be found in the "emails" section. These section has the following properties:

Property:	Datatype:	Description:	Default:
sendConfirmationMail	boolean	When set to 0, the confirmation email is not being sent.	1
sendNotificationMail	boolean	When set to 0, the notification is not being sent.	1
senderName	string	Name of the sender of the email.	Email sender
senderAddress	string	Email address of the sender of the email	Some@mail.address
adminEmail	string	Email address of a registration admin, all notification emails are sent to this address, too. Leave empty if you do not want to use this feature	

Defining userfields:

Userspecific fields can be defined in the "userfields" section. Every section below it defines one userfield. Theoretically the number of userfields is unlimited, while you can an unlimited count of sections below userfields. For each field you have the following properties:

Property:	Datatype:	Description:	Default:
name	string	Name of the field	
caption.default	string	Caption for the field in default language	
caption.[language]	string	Caption for the field in another language. [language] is taken from config.language.	
default	string	default value for the field	
options	section	Definition of options for select-boxes or option lists. See example below for further information on this part.	
layout.show	stdWrap	Definition of the layout to display the value of the field	
layout.edit	stdWrap	Definition of the layout for the entry of the value of the field	

Example definition for userfields:

```
#Setup
plugin.tx_register4cal_pil.userfields {
    # Example for simple input fields
    0 {
        name=participants
        caption.default=No of participants
        caption.de=Anzahl Teilnehmer
        default = 1
        layout {
            edit = stdWrap
            edit.dataWrap = <tr><td style="width:10px;vertical-align:top;"><b>###CAPTION###</b></td><td><input type="text" size="20" name="###NAME###" value="" /></td></tr>
            show = stdWrap
            show.dataWrap = <tr><td style="width:10px;vertical-align:top;"><b>###CAPTION###</b></td><td>|</td></tr>
        }
    }

    # Example for selection
    1 {
        name=Selection
        caption.default=I attend the event
        caption.de=Ich nehme teil
        default =
        options {
            1.default = Yes
            1.de = Ja
            2.default = No
            2.de = Nein
            3.default = Yes, but I'll be late
            3.de = Ja, aber ich komme später
        }
        layout {
            edit = stdWrap
            edit.dataWrap = <tr><td style="width:10px;vertical-align:top;"><b>###CAPTION###</b></td><td><SELECT SIZE=1 name="###NAME###">###OPTIONS###</SELECT></td></tr>
            show = stdWrap
            show.dataWrap = <tr><td style="width:10px;vertical-align:top;"><b>###CAPTION###</b></td><td>|</td></tr>
        }
    }

    # Example for text area
    2 {
        name=Comments
        caption.default=Comments
        caption.de=Kommentar
        default =
        layout {
            edit = stdWrap
            edit.dataWrap = <tr><td style="width:10px;vertical-align:top;"><b>###CAPTION###</b></td><td><textarea rows="10" cols="40" name="###NAME###">|</textarea></td></tr>
            show = stdWrap
            show.dataWrap = <tr><td style="width:10px;vertical-align:top;"><b>###CAPTION###</b></td><td><textarea rows="10" cols="40" readonly="yes">|</textarea></td></tr>
        }
    }
}
```

Settings for frontend editing

There are two properties in the edit-section:

Property:	Datatype:	Description:	Default:
useDateSelector	Boolean	Use the dateselector provided by extension rimp_dateselectlib. If set to 1 this extension is required.	1
CalConf	Structure	Configuration for the dateselector. Refer to the manual of extension rimp_dateselectlib for further information.	

Settings for the display of registrations

There are two more properties in the view-section:

Property:	Datatype:	Description:	Default:
eventViewPid	integer	Pid of the page, containing the single event view. Used for the link from the registration to the event record	0
adminUsers	string	Comma separated list of frontend user id's of frontend users who should be able to see all registrations, not only the ones for their events.	

Frontend Editing

The extension register4cal supports the use of the additional event fields with the frontend editing feature of the cal extension. The register4cal extension includes all necessary TypoScript settings for the cal extension to handle the additional fields.

IMPORTANT: If you have other additional fields defined for the frontend editing, you need to manually combine these settings with the settings of the register4cal extension.

To include the additional fields from the register4cal extension in the frontend editing forms, include the following markers in the cal templates:

###MODULE__tx_register4cal_activate###	Field "Activate registration"
###MODULE__tx_register4cal_regstart###	Field "Start of registration period"
###MODULE__tx_register4cal_regend###	Field "End of registration period"

When including these markers, please take care of the double underscore after MODULE as well as the upper/lower case!

Using rimp_dateselectlib

If you wish to include a date selector for the "Start/End of registration period"-fields, set the TypoScript variable `plugin.tx_register4cal.edit.useDateSelector` to 1. Of course you need to install the `rimp_dateselectlib` extension, too. You can then configure the date selector via the `plugin.tx_register4cal.edit.calConf` settings. These settings are taken from the `rimp_dateselectlib` extension, thus please refer to the manual of this extension for further details on these settings.

To add the date selectors to the fields you need to include placeholders in the `stdWrap` settings for the fields. In `plugin.tx_cal_controller.view.create_event.tx_register4cal_regstart_stdWrap.dataWrap` and `plugin.tx_cal_controller.view.edit_event.tx_register4cal_regstart_stdWrap.dataWrap` use the placeholder `###REGSTART_SELECTOR###` at the position you wish the selector to be included. In `plugin.tx_cal_controller.view.create_event.tx_register4cal_regend_stdWrap.dataWrap` and `plugin.tx_cal_controller.view.edit_event.tx_register4cal_regend_stdWrap.dataWrap` use the placeholder `###REGEND_SELECTOR###`.

Telling the users that they need to login

If an user is not logged in, then by default, nothing is displayed below the event display. This behavior can be changed. If you set the TypoScript parameter `plugin.tx_register4cal_pi1.disableNeedLoginForm` to 0, an information is being displayed. It tells the user, that he needs to login. By default this form then provides two buttons:

- Login using an existing account
- Create an one-time account

Both buttons need some customizing, which should be described here:

Login using an existing account

This option requires the following TypoScript parameters to be set

<code>plugin.tx_register4cal_pi1.loginpid</code>	Set this parameter to the page id of the page, containing your login form
<code>plugin.tx_register4cal_pi1.loginreturnparam</code>	Set this parameter to the url-parameter, which tells the login form to which page the user should be forwarded, once he has logged in successfully.

After setting this parameters, the user can click on the "Login using an existing account"-Button, enter his login data and will be directed back to the registration form afterwards.

To disable the "Login using an existing account"-Button, clear `plugin.tx_register4cal_pi1.forms.default.loginbutton`.

Create an one-time account

This option requires the extension onetimeaccount to be setup and configured as described in the manual.

In addition, the following TypoScript parameters need to be set

plugin.tx_register4cal_pi1.onetimeaccountpid	Set this parameter to the page id of the page, containing your onetimeaccount-plugin
plugin.tx_register4cal_pi1.onetimeaccountreturnparam	Set this parameter to the url-parameter, which tells the onetimeaccount-plugin to which page the user should be forwarded, once he has created his account in successfully.

After setting this parameters, the user can click on the "Create an one-time account"-Button, enter his data and will be directed back to the registration form afterwards.

To disable the "Create an one-time account"-Button, clear plugin.tx_register4cal_pi1.forms.default.onetimeloginbutton.

Template and markers

General Information

You can place every marker in the template and have a corresponding stdWrap element in TypoScript to define the layout and the content of the marker.

The TypoScript definition for a marker is firstly searched in the subsection of plugin.tx_register4cal_pi1.forms which corresponds to the template section. If no definition is contained there, the definition in the "default" section is being used.

If the marker contains the subsections "edit" and/or "show", the contents of these subsections are being used for the entry ("edit") and the display ("show") of values:

plugin.tx_register4cal_pi1.forms.default.marker.edit < stdWrap	→ Marker layout for display (e.g. Lists or Confirmation)
plugin.tx_register4cal_pi1.forms.default.marker.show <stdWrap	→ Marker layout for entry (registration form)
plugin.tx_register4cal_pi1.forms.default.marker < stdWrap	→ Marker layout for display and entry

Markers for user, event and registration data

Several special markers can be used to include data from the user, the event, the organizer, the location and the registration record:

Marker	Function
USER_[xxx]	Marker for the field [xxx] from the user record (table fe_users). It's either the user just registering or the user to which the registration record belongs
EVENT_[xxx]	Marker for the field [xxx] from the event record (table tx_cal_events).
ORGANIZER_[xxx]	Marker for the field [xxx] of the organizer record linked to the event (table tx_cal_organizer)
LOCATION_[xxx]	Marker for the field [xxx] of the location record linked to the event (table tx_cal_location)
EVENT_link	Link for the event single view (plugin.tx_register4cal_pi1.view.eventViewPid needs to be set!)
EVENT_formated_start	Startdate and Starttime of the event (formatting from plugin.tx_register4cal_pi1.dateFormat and plugin.tx_register4cal_pi1.timeFormat)
EVENT_formated_end	Enddate and Endtime of the event (formatting from plugin.tx_register4cal_pi1.dateFormat and plugin.tx_register4cal_pi1.timeFormat)
EVENT_organizer_name	Name of the organizer from the organizer record linked with the event.
EVENT_organizer_email	Email of the organizer from the organizer record linked with the event.
LABEL_[xxx]	Label field, content is taken from the translation file pi1/locallang.xml in the extension directory. IMPORTANT: as [xxx] is not allowed to contain dots, you can use hyphens instead, they will be replaced with dots when looking for the markers.
FIELDS	Inserts the defined userfields.
LINK	Inserts the link, necessary in the registration for to store the registrations.

Update from version less than 0.3.0

With version 0.3.0 the extension has been completely revised and improved. As a consequence of this, templates and configuration need to be checked and adapted.

Despite this, the extension is fully compatible to existing registrations stored in any previous version. The only thing you need to make sure is, that your template contains the “`###SHOW_[fieldtype]###`” section which was used in previous versions to define the layout of the userfields. The “`###INPUT_[fieldtype]###`” section is no longer necessary and may be removed.

Known problems

- Although I tried to take care for security issues during development, I did not yet perform a security review, yet.

Bugs, additional features and other support

There is a project page on forge.typo3.org. You can access it via <http://forge.typo3.org/projects/show/extension-register4cal>
Please use this site to report bugs, request additional features or ask for support. This site also includes a subversion repository where the latest changes and corrections can be obtained.

ChangeLog

Please refer to the file changelog.txt in the main directory of the extension.