

EXT: jrstaff

Extension Key: **jrstaff**

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The content of this document is related to TYPO3
- a GNU/GPL CMS/Framework available from www.typo3.com

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Introduction

Jrstaff is an extension which allows you to manage the vacancy days of your staff members. You can show different styles of calendars, monthsinglerow and monthmultirow and a monthly view of a department. The calendars show also enabled holidays. You can enable holidays in the flexform setup and you can add new holidays with the TYPO3 list module. You can enable the frontend requesting of vacancy days in the calendar views. If you made a vacancy request the administrator(department head) is informed via mail and can accept or reject the request. Best way to use the extension is to enable FE user data. Then, for each department create a fe_group and assign the group to a department head. Only the logged in fe user and the department head can insert new leave requests.

What's new?

This is the first public version.

What does it do?

Jrstaff is an extension which allows you to manage the vacancy days of your staff members categorized in departments. You can show different styles of calendars, monthsinglerow, monthmultirow and monthly departmentview. The calendars show also enabled holidays. You can enable holidays in the flexform setup and you can add new holidays with the TYPO3 list module. If you use FE users (setup in flexform) then you can enable the frontend requesting of vacancy days in the calendar views. If you made a vacancy request the administrator is informed via mail and can commit or reject the request.

Sponsoring

Any kind of sponsoring for the future development of the extension is welcome. For this, contact the author postmaster@joachim-ruhs.de.

Major-sponsor:

Others: Katholischer Gemeindeverband, Siegerland Südsauerland

Screenshots

Vacancy calendar of Mueller Anton - Months displayed in single rows with holidays

FE Produktion FE Service FE Verkauf

Beis, Franz b2001 Kalender

Meier, Karl Friedrich m007 Kalender

Mueller, Anton m010

Arbeitstag
 Wochenende
 Urlaub
 Urlaub Wochenende
 Tag überbucht

2006 2007 **2008** 2009 2010

	S	M	D	M	D	F	S	S	M	D	M	D	F	S	S	M	D	M	D	F	S	S	M	D	M	D	F	S	S	M	Tage							
Januar			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	9.5				
Februar						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	0			
März							1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	0
April			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			0			
Mai						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	0	
Juni	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				0				
Juli			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			0		
August						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	0	
September	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					0			
Oktober				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			0	
November							1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	0	
Dezember	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				0			

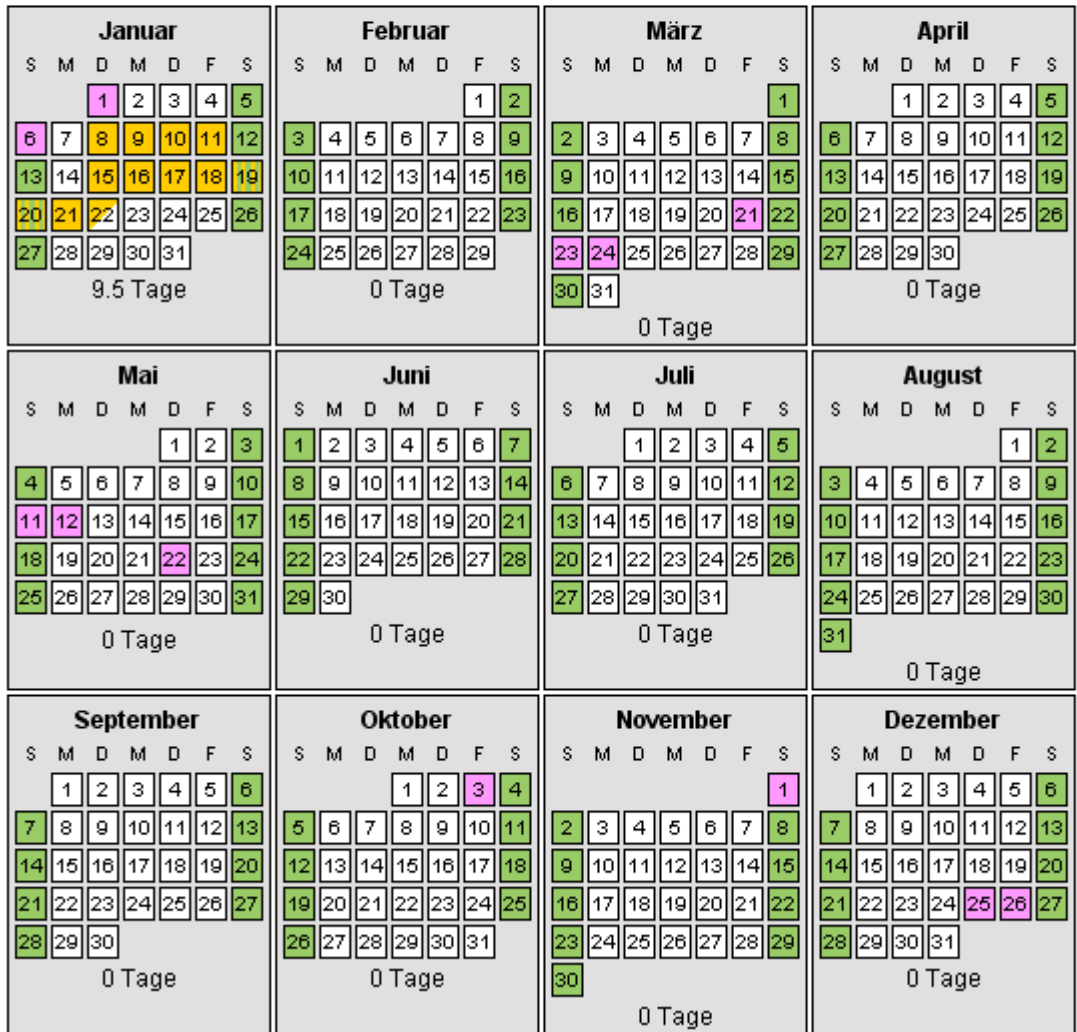
Months displayed in multiple rows with holidays

FE Produktion FE Service FE Verkauf

Beis, Franz b2001 Kalender
 Meier, Karl Friedrich m007 Kalender
Mueller, Anton m010

Arbeitstag Wochenende Urlaub Urlaub Wochenende Tag überbucht

2006 2007 **2008** 2009 2010



Department view of a single month

FE Produktion FE Service FE Verkauf

Arbeitstag Wochenende Urlaub Urlaub Wochenende

2006 2007 **2008** 2009 2010

Januar Februar März April Mai Juni Juli August September Oktober November Dezember

	D	M	D	F	S	S	M	D	M	D	F	S	S	M	D	M	D	F	S	S	M	D	M	D	F	S	S	M	D	M	D	Tage
Mueller, Anton	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	9.5
Beis, Franz	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	0
Meier, Karl Friedrich	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	0

This view shows the vacancies of all department members for a single month. With this view, you see immediately the staff members which are at work or off.

Administrator view of requested vacancies

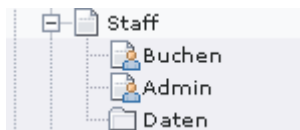
Beantragte Urlaubzeiten

Mitarbeiter	Erster Tag	Letzter Tag	Urlaubsart	Kunde	Email	vom	Bemerkungen	Aktion
Karl Friedrich Meier	08.01.2008	15.01.2008	Gleitzeit	femeier	km@joachim-ruhs.de	20.01.2008	Gz - hts	 
Karl Friedrich Meier	03.03.2008	06.03.2008	Gleitzeit	femeier	gfgfgfgfgf	20.01.2008		 
Franz Beis	09.04.2008	17.04.2008	Gleitzeit	zzzzzzzzzz	jjjjjjjjjj	18.01.2008	einfacher Urlaub	 

Reference Installation

This section will describe a reference setup of the extension using FE users and FE requesting.

1. Install the extension like other extensions from the typo3 extension repository TER.
2. Create a page where you want to use the plugin with the calendar views.
3. If you don't have a sysfolder with fe users create a page (type sysfolder) where the data will be stored, here called "Daten". In this sysfolder the FE users should be stored. This is the startingpoint for the plugin.
4. Create a page where only admins of the jrstaff have access to, here named "Admin".
5. Create a page where the FE-Booking happens, here called "Buchen". If you use FE users make it accessible to your FE groups.



6. Put the new content element on the desired webpage where you want to use the jrstaff plugin, in the picture above the page is called "Staff". Choose in the flexform configuration the displaytype "display months in single row" or "display months in multi rows". Enable the caching.
7. Insert the plugin also into the pages "Buchen" and "Admin" and configure the plugin with flexform setup.
8. For the "Admin" page choose in the flexform configuration the displaytype adminpage and hide the page for normal users. Choose also the same starting point as in the normal jrstaff page "Staff".
9. In the flexform setup for the "Admin" page select also the correct holidays.
10. In the "Buchen" page set the display type to "month single row" or "month multi row". Disable the caching in the flexform setup. Choose the same startingpoint as above. To get the cache cleared correctly after a booking is done you have to insert the page Id where your normal calendar views resides, in our example the page Id of "Staff". Also set the correct holidays you want to use.
11. Login with a FE user and go to "Buchen".
12. When all is done, the "Buchen" page should show the holidays in the calendar.
13. If FE booking is enabled in the "Buchen" page you can click with the mouse on a desired day. The color should change to light blue. A second click on another day starts the request with the days you selected. This feature only works with cookies enabled in the browser.
14. Now you are asked for halfdays-start and -end and you can perform the request.
15. If you confirmed the request, the request is inserted to the system, an admin email is generated. You get also an email from the system.
16. Now the steps of the department head
17. He opens the "Admin" page and gets a list of departments he is head of. If he is only head of one department he gets immediately the list of desired leave requests where he can accept or delete a specific request.
18. When accepting or deleting a request, the staff member is informed via mail.
19. That's it – have fun...

On each page where a calendar view is shown insert the correct flexform setup.

Plugin Optionen:

Anzeige Optionen | **Kalender Optionen** | Urlaubsantragsoptionen

Buchungsoptionen

Kalender Spalten

Tagesnamensabkürzungen

zeige Tagessummen

Markiere Wochenenden

Überbucht Legende

Urlaubstyp anzeigen

Erweiterte Tooltips

Wochenbegin am Sonntag am Montag

Kategorie der Krankheitstage

Ausgangspunkt:

Daten ↑ ↓ ✕ Daten [56]

Important: The category of the illness days must also be present in the leave category table to get different icons presented for illness days.

Urlaubskategorien (4)		[Ref]
	Krankheit	2
	Überstundenausgleich	2
	Gleitzeit	20
	Urlaub	2

	S	M	D	M	D	F	S	S	M	D	M	D	F	S	S	M	D	M	D	F	S	S	M	D	M	D	F	S	S	M	Tage						
Januar			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	13			
Februar					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		8		
März						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	8
April			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			7		
Mai					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	6	
Juni	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				12			
Juli			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		6		
August					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	0	
September	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					3.5		
Oktober				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		0	
November						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		0
Dezember	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				0		

Here you see illness days from 11.08 - 15.08.

Setting up departments and members

The recommended way to use the extension is to enable FE Users Data in the flexform setup. Then, for each department, create a website usergroup and name the group like the department with the TYPO3 list module in the page "Daten". Now you can create the department members as website users the same way and assign them to their department.

Now you have to assign the departments(FE groups) to a department head in the TYPO3 list module. For this ,insert in the field tx_jrstaff_departmenthead the name of the FE user (not the username) who is the department head.

When this is done, you should see in the "Admin" page the requested leaves of the department when you are logged in with the department's head username.

The screenshot displays two sections of the TYPO3 administration interface. The top section, titled "Website Benutzer (4)", lists four users: femeyer, feweiss, femueller, and febeis. Each user entry includes a pencil icon for editing, an information icon, a trash icon, and a reference icon. The bottom section, titled "Website Benutzergruppe (3)", lists three groups: FE Produktion, FE Verkauf, and FE Service. Each group entry includes a pencil icon, an information icon, a trash icon, and a reference icon. The reference icon in both sections points to a field labeled "[Ref]".

Benutzername:	[Ref]	Benutzergruppe:	Name:
femeier	18	FE Produktion	Karl Friedrich Meier
feweiss	1	FE Verkauf	Günther Heinz Weiss
femueller	2	FE Produktion	Anton Mueller
febeis	2	FE Produktion	Franz Beis

Gruppenname:	[Ref]	Abteilungsleiter [jrstaff]
FE Produktion	5	Karl Friedrich Meier
FE Verkauf	2	Anton Mueller
FE Service	1	Karl Friedrich Meier

In the above picture you see the website users with their names and the website groups (FE groups) with the assigned department heads.

Inserting new holidays

The jrstaff extension is by default suited with the german (floating and static) holidays. You can add your own country specific holidays by adding them to **every** page where the plugin is used with the TYPO3 list module.

The screenshot shows the "Feiertage NEU - [PID: 54] Staff" form in the TYPO3 administration interface. The path is "/Home/Staff/". The form includes a "Verstecken:" checkbox, a "Feiertagsname" text input field, a "Tag" dropdown menu with "1" selected, a "Monat" dropdown menu with "1" selected, and a "Jahr (0 = fester Feiertag)" dropdown menu with "2008" selected. The "Jahr" field is highlighted with a red box.

If you choose 0 as year, the holiday is recurring in every every year. The holidaynames are translated by TYPO3 in the flexform setup. To get this work correctly you have to input the holidayname in english and give the translations in the language files locallang.xml and de.locallang.xml and use the xml language tool to create the hashes.

Reference

Options in the template SETUP:

If this options are set in the template setup, they overrule the flexform-settings.

plugin.tx_jrstaff_pi1:

Property	Data type	Description	Default
displayMode	string	The display mode for the calendar. Values are monthMultiRow and monthSingleRow	monthMultiRow
markWeekends	int	If set, mark the weekends with different color	1
calendarColumns	int	The calendar columns in monthMultiRow-display	4
startOfWeek	string	The start of the week [sunday monday]	monday
showOverbookedLegend	int	If set, displays the overbooked legend	1
showDaysShortcuts	int	Use this to display the dayname shortcuts at the top of the months	1
showCategory	Int	If set, shows the leave category as title in the calendar views	0
calendarPid	Int	The pageid(s) where the calendar(s) are shown, required for correct clear cache after modifying the data	1
showWarnings	boolean	If set, warnings are enabled	1

Appendix

Known problems

- if you catch bugs, please report them to postmaster@joachim-ruhs.de

To-Do

- any wishes, tell me

FAQ

Changelog

- 2008-01-31, version 0.1.7, minor changes in code and documentation
- 2008-01-21, version 0.1.0, initial release
- 2008-01-23, version 0.1.1, the caching is now optimized and can be enabled in flexform – do not enable the caching for frontend booking and the admin-pages.
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