

## EXT: Google Calendar

Extension Key: me\_google\_calendar

Language: en, de

Keywords: jQuery, FullCalendar, Google, Calendar

Copyright 2010-2015, Alexander Grein, <alexander.grein@gmail.com>

This document is published under the Open Content License  
available from <http://www.opencontent.org/opl.shtml>

The content of this document is related to TYPO3  
- a GNU/GPL CMS/Framework available from [www.typo3.org](http://www.typo3.org)

# Table of Contents

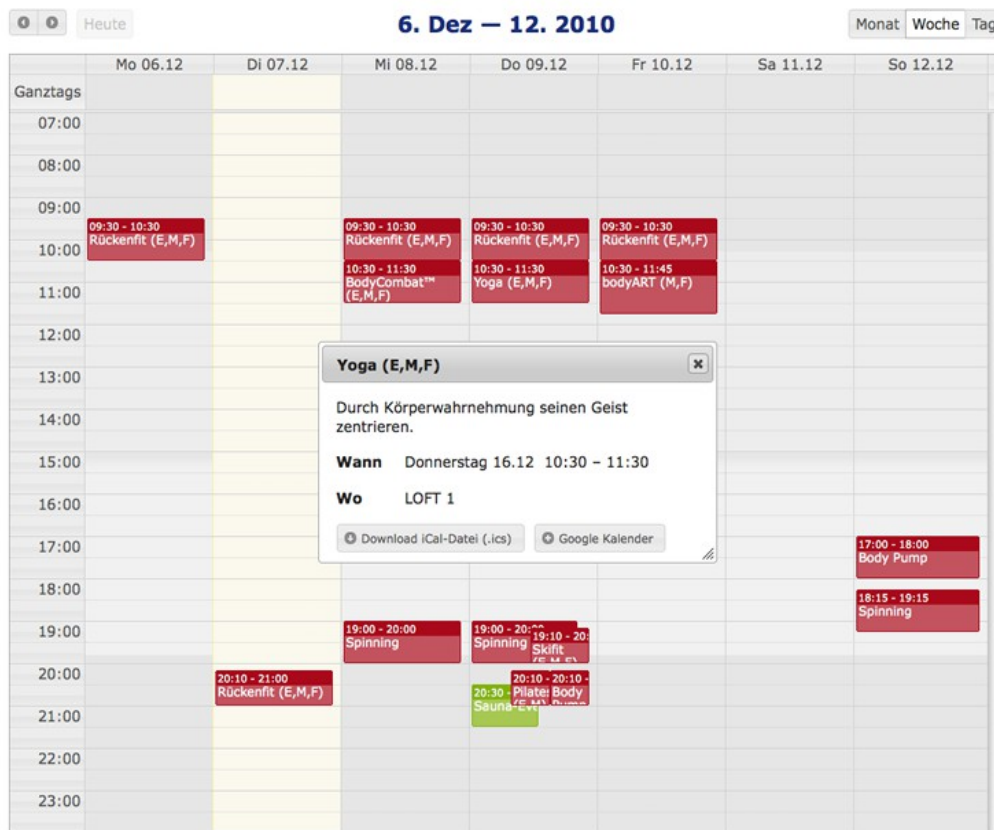
EXT: Google Calendar.....	1	<b>Configuration.....</b>	<b>6</b>
<b>Introduction.....</b>	<b>3</b>	Reference.....	6
What does it do?.....	3	<b>Known problems.....</b>	<b>9</b>
Screenshots.....	3	<b>To-Do list.....</b>	<b>10</b>
Thanks To.....	3	<b>ChangeLog.....</b>	<b>11</b>
<b>Users manual.....</b>	<b>4</b>		

# Introduction

## What does it do?

- The extension includes the [jQuery Plugin FullCalendar](#), which generates a skinable Calendar with different views (month, week, day, week list, day list) from Google Calendar XML Feed(s).
- Version 3.x uses Extbase and Fluid and needs at least TYPO3 6.0
- The extension is localized in english and german. Contact me, if you would like to add your language or add them to the TYPO3 translation server.
- For examples of the different views visit <http://fullcalendar.io>
- me\_google\_calendar 3.3.0 uses version 2.3.2 of the FullCalendar Script and works with jQuery 2.1.3 and jQuery-UI 1.11.4

## Screenshots

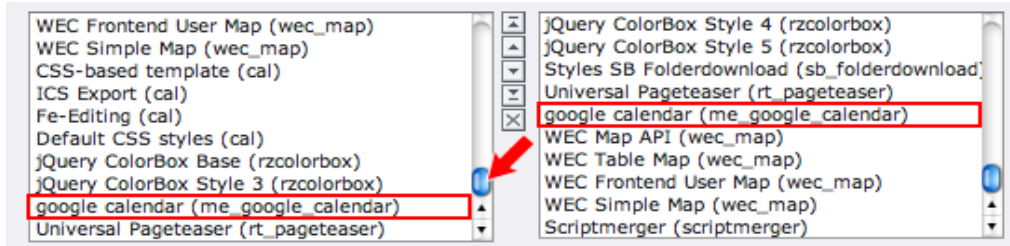


## Thanks To

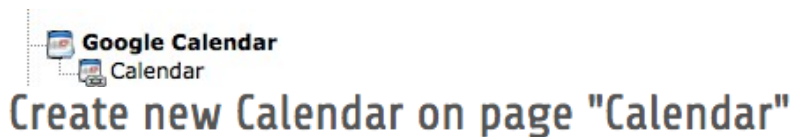
- Adam Shaw for this amazing jQuery Plugin
- Helge Sascha Anders Kozele for sponsoring Google API 3 Update
- Fred Hartmann und Tobias Döring GbR for sponsoring Google API 3 Update
- m|r|o|net - Internetsolutions for sponsoring Google API 3 Update
- Evang.-Luth. Pfarramt St. Johannes Gilching-Weßling for sponsoring Google API 3 Update

# Users manual

- Install the extension from the TYPO3 Extension Repository.
- Go to your Page-Template and include the google calendar TS Extension Template.



- Generate Google Calendar Feed Record(s) in a sysfolder of our choice (e.g. general storage) and fill in the fields. The CSS Class value will be added to the corresponding calendar events (styling example see below).



General
Access

**Language:**  
Default

**Hide:**  
☐

**Title**

**Google Calendar API Key (see [http://fullcalendar.io/docs/google\\_calendar/](http://fullcalendar.io/docs/google_calendar/))**

**Google Calendar Id (see [http://fullcalendar.io/docs/google\\_calendar/](http://fullcalendar.io/docs/google_calendar/))**

**Css**



## On Nov 17th 2014, Google shut down V1 and V2 of their Calendar APIs.

To access your feeds again, a Google Calendar API key is now required:

1. Go to the Google Developer Console (<https://console.developers.google.com/>) and create a new project (it might take a second).
2. Once in the project, go to APIs & auth > APIs on the sidebar.
3. Find "Calendar API" in the list and turn it ON.
4. On the sidebar, click APIs & auth > Credentials.

5. In the "Public API access" section, click "Create new Key".
6. Choose "Browser key".
7. If you know what domains will host your calendar, enter them into the box. Otherwise, leave it blank. You can always change it later.
8. Your new API key will appear. It might take second or two before it starts working.

Make your Google Calendar public:

1. In the Google Calendar interface, locate the "My calendars" area on the left.
2. Hover over the calendar you need and click the downward arrow.
3. A menu will appear. Click "Share this Calendar".
4. Check "Make this calendar public".
5. Make sure "Share only my free/busy information" is unchecked.
6. Click "Save".

Obtain your Google Calendar's ID:

1. In the Google Calendar interface, locate the "My calendars" area on the left
2. Hover over the calendar you need and click the downward arrow.
3. A menu will appear. Click "Calendar settings".
4. In the "Calendar Address" section of the screen, you will see your Calendar ID. It will look something like "abcd1234@group.calendar.google.com"

<b>Kalenderadresse</b> <a href="#">Weitere Informationen</a> <a href="#">Freigabeeinstellungen ändern</a>	<a href="#">XML</a> <a href="#">ICAL</a> <a href="#">HTML</a> (Kalender-ID: 1uu5uvniqg76gl6dd4dle0536c@group.calendar.google.com) Dies ist die Adresse für Ihren Kalender. Dieser Link kann nur aufgerufen werden, wenn Sie Ihren Kalender veröffentlicht haben.
<b>Privatadresse:</b> <a href="#">Weitere Informationen</a>	<a href="#">XML</a> <a href="#">ICAL</a> <a href="#">Private URLs zurücksetzen</a> Dies ist die Privatadresse für diesen Kalender. Geben Sie diese Adresse nur für andere Personen frei, wenn Sie möchten, dass die

Under **Timezone**, enter the timezone of your calendar.

Under **Css** you can enter one of the predefined style definitions, who comes with this extension:

fc-red, fc-green, fc-blue, fc-grey, fc-orange, fc-purple

If you want to show all events from a calendar e.g. in red, just add the predefined CSS Class "fc-red" to the Google Calendar Feed Record.

Or define your own (example for "my-color"):

```
.fc-event.my-color,
.fc-agenda .fc-event.my-color .fc-event-time,
.fc-event.my-color .fc-event-inner.fc-event-skin,
.fc-event.my-color a {background-color:#ff0000;border-color:#ff0000;color:#fff;}
```

- Finally add a "General Plugin" on the page you like to view the calendar and select "Calendar" under tab "Plugin".
- Configure the output as you like (you can also configure the plugin globally by using the constant editor)
- Have fun ;-)
- If you like my plugin, I'd appreciate a small donation: <http://flattr.com/thing/185e92a2c3c8885eb296f8e37386bcd9> or PayPal: a.grein@mediaessenz.de

# Configuration

## Reference

– plugin.tx\_megooglecalendar.settings properties: TS Constants

Property:	Data type:	Description:	Default:
cssPath	string	If you want to customize the CSS File, define the path like: fileadmin/templates/css/styles.css. Leave empty to not include.	EXT:me_google_calendar/Resources/Public/Css/main.css
printCssPath	string	Path to print css file	EXT:me_google_calendar/Resources/Public/Css/fullcalendar.print.css
cssThemePath	string	Path to CSS theme file. Leave empty to not include.	EXT:me_google_calendar/Resources/Public/JavaScript/jquery-ui/themes/smoothness/jquery-ui.min.css
jQueryPath	string	Path to jQuery file. Leave empty to not include.	EXT:me_google_calendar/Resources/Public/JavaScript/jquery/jquery.min.js
jQueryUiPath	string	Path to jQuery UI file. Leave empty to not include	EXT:me_google_calendar/Resources/Public/JavaScript/jquery-ui/jquery-ui.min.js
fullCalendarPath	string	Path to jQuery calendar plugin file. Leave empty to not include.	EXT:me_google_calendar/Resources/Public/JavaScript/fullcalendar.min.js
fullCalendarMomentPath	string	Path to jQuery plugin moment.min.js file	EXT:me_google_calendar/Resources/Public/JavaScript/moment.min.js
fullCalendarLangAllPath	string	Path to jQuery plugin lang-all.js file	EXT:me_google_calendar/Resources/Public/JavaScript/lang-all.js
gcalPath	string	Path to gcal.js script file (needed for reading xml-feed from google). Leave empty to not include.	EXT:me_google_calendar/Resources/Public/JavaScript/gcal.js
meGoogleCalendarPath	string	Path to me_google_calendar.js file. Leave empty to not include.	EXT:me_google_calendar/Resources/Public/JavaScript/main.js
jQueryExternal	boolean	Path to jQuery is external (e.g. from an CDN)	0
jQueryDisableCompression	boolean	Disable compression of jQuery	1
jQueryUiExternal	boolean	Path to jQuery is external (e.g. from an CDN)	0
jQueryUiDisableCompression	boolean	Disable compression of jQuery-UI	1
fullCalendarDisableCompression	boolean	Disable compression of fullCalendar.js	0
gcalDisableCompression	boolean	Disable compression of gcal.js	0
meGoogleCalendarDisableCompression	boolean	Disable compression of me_google_calendar.js	0
cssThemePathExternal	boolean	Path to cssThemePath is external	0

Property:	Data type:	Description:	Default:
jsLibsPosition	options	includeJSFooterlibs: Javascript libraries in footer / includeJSlibs: Javascript libraries in header	includeJSFooterlibs
jsPosition	options	includeJSFooter: Javascript in footer / includeJS: Javascript in header	includeJSFooter
recursive	integer	Recursive level	0
hideHeader	boolean	hide header content	0
headerLeft	string	Left header content. Allowed values: prev, next, today, title, month, agendaWeek, agendaDay, basicWeek, basicDay. Use comma for separation and [Space] for distance.	prev,next today
headerCenter	string	Center header content. Allowed values: prev, next, today, title, month, agendaWeek, agendaDay, basicWeek, basicDay. Use comma for separation and [Space] for distance.	title
headerRight	string	Right header content. Allowed values: prev, next, today, title, month, agendaWeek, agendaDay, basicWeek, basicDay. Use comma for separation and [Space] for distance.	month,agendaWeek,agendaDay
defaultView	string	Default view of the calendar Allowed values: month,agendaWeek,agendaDay,basicWeek,basicDay	AgendaWeek
allDaySlot	boolean	Show all day events slot in agenda views	0
firstDay	number	First day of week. Can be 0 for sunday or 1 for monday	0
weekends	boolean	Show weekends as well	0
minTime	string	Mix time for agenda views in format hh:mm:ss	00:00:00
maxTime	string	Max time for agenda views in format hh:mm:ss	24:00:00
scrollTime	string	Scroll to time in format hh:mm:ss	08:00:00
weekMode	string	Defines the way week are shown in month. Can be 'fixed' or 'variable'	variable
hideTitle	boolean	Hide title content	0
eventLimit	boolean	Show more events link, if they do not fit into time slot	0
titleFormat.month	string	Date format* for month title	MMMM YYYY
titleFormat.week	string	Date format* for week title	MMM D YYYY
titleFormat.day	string	Date format* for day title	MMMM D YYYY
columnFormat.month	string	Defines the column format* for the month view	dddd
columnFormat.week	string	Defines the column format* for the week view	ddd DD.MM.
columnFormat.day	string	Defines the column format* for the day view	dddd DD.MM.
timeFormat.agenda	string	Time format* for agenda view	HH:mm
timeFormat.day	string	Time format* for day view	HH:mm
timeFormat.week	string	Time format* for week view	HH:mm
timeFormat.month	string	Time format* for month view	HH:mm
timeFormat.general	string	General time format*	HH:mm
timeFormat.axis	string	Time format *for axis	HH:mm
timeZone	string	e.g. Europe/Berlin. If empty (default) the timezone defined inside google UI will be used	
noGoogleMapsLink	boolean	Do not generate link to google maps	0
hideIcalDownloadButton	boolean	Hide ical download button in event details	0
hideAddtoGoogleCalendarButton	boolean	Hide add to google calendar button	0
height	integer	Height of calendar	0

Property:	Data type:	Description:	Default:
overrideFlexformSettingsIfEmpty	string	Override flexform setting if empty	cssThemePath,headerLeft,headerCenter,headerRight,defaultView,allDaySlot,firstDay,firstHour,weekends,minTime,maxTime,hideTitle,hideIcalDownloadButton,hideAddtoGoogleCalendarButton,noGoogleMapsLink,height
eIdGetIcsUrl	string	eID Script URL for ics file generation	/index.php?eID=meGoogleCalendarEidGetIcs
language	string	language key	de

\* For more infos about the time/date format, please read the documentation on the website of the FullCalendar plugin author:

<http://arshaw.com/fullcalendar/docs/date-utils.php#formatdates>

### TS Constants Example

```

plugin.tx_megooglecalendar {
    persistence.storagePid = 3
    settings {
        jQueryPath = //ajax.googleapis.com/ajax/libs/jquery/2.1/jquery.min.js
        jQueryExternal = 1
        minTime = 08:00:00
        maxTime = 18:00:00
        firstDay = 1
    }
}

```



## Known problems

- Contact me, if you notice something. ;)

## To-Do list

- Contact me :)
- I'll work on the extension, as my time allows me...

# ChangeLog

- v.0.1.0: Initial Upload
- v.0.2.0: changed js configuration output generation from TS to PHP. Added flexforms for configuration possibility to show more than one google calendar by using db entries.
- v.1.0.0: Made some improvements of the flexforms configuration. Added support for T3 jQuery extension. Added this manual.
- v.1.0.1: Set status to stable
- v.1.0.2: Update currupt manual. Added default timezone to new calendar feed entries. Some small bugfixes.
- v.1.0.3: Added jQuery noConflict mode. Added jQuery path configuration.
- v.1.0.4: Bugfix to work with CSS Styled Content <4.3. Manual Correction.
- v.1.0.5: Update to newest version of fullCalendar script (1.4.4) and jQuery (1.4.1). Manual Correction.
- v.1.0.6: Update to newest version of fullCalendar script (1.4.5) and jQuery (1.4.2).
- v.1.0.7: Small bugfix for jQuery no conflict mode.
- v.1.0.8: Update to newest version of fullCalendar script (1.4.6). Added jsMinify and jsToFooter option. Constants will grouped and ordered correctly now (Thanks to Jürgen Furrer!).  
Attention: Change Constants-Pre-var from plugin.megooglecalendar to plugin.tx\_megooglecalendar\_pi1. Please update your constants configuration!
- v.1.0.9: Update to newest version of fullCalendar script (1.4.7) and jQuery UI (1.8.5). Small changes in configuration (jQueryUiPath replaces jQueryUICorePath, jQueryUiDraggablePath and jQueryUiResizablePath; Added jQueryPluginPath and gcalPath)
- v.1.1.0: Added jQueryUI popup dialog for event details. Makes use of jQueryUI.dialog and jQueryUI.buttons now - so please check your jquery-ui-custom-theme-css-files for needed parts!
- v.1.1.1: Added Buttons for iCal-File (.ics) Download and "Add to Google Calendar" in Event-Details. Added Link to Google Maps in Event-Details. Updated to newest version of fullCalendar script (1.4.8) and jQuery (1.4.3).
- v.1.2.0: Update to newest version of fullCalendar script (1.4.9), jQuery (1.4.4) and jQuery UI (1.8.6). Added event detail tab in frontend plugin + option to switch off link to google maps. Bugfix for IE-problem in dynamic generated js-code (Thanks to Jesper Goos!).
- v.1.3.0: Update to newest version of fullCalendar script (1.5.2), jQuery (1.6.2) and jQuery UI (1.8.16).
- v.3.0.0: Completely rewritten in Extbase and Fluid. Uses fullCalendar script 1.5.4, jQuery 1.8.3, jQuery-UI 1.9.2
- v.3.1.0: Update to newest version of fullCalendar script (2.0.2) and all needed libraries and stylesheets.  
Add constant "useCurl" (and function of corse) to prevent google feeds (especially private one) are visible in source code. It is also now possible to restrict the access to a calendar feed only for logged in fe\_users.  
**Attention: Because of the update to fullCalendar 2, some time and date formats were changed! Especially the minTime, maxTime and scrollTime needs your attentions (e.g. a value "8" must be changed to "08:00:00").**  
Additionally the broken "Download iCal-File"-function has been fixed. Unfortunately google switched off there (undocumented) REST-service to generate them by adding some parameters to the single event url. The file is now generated by the extension itself.
- v.3.2.0: Update to newest version of fullCalendar script (2.2.3) and all needed libraries and stylesheets.  
**Since Google switched off API V1 and V2 on Nov 17th 2014 a Google Calendar API key is now required.**  
See manual page 4 for more info.  
Removed curl feature, since feeds are now protected by google api settings.  
Add constant "eventLimit" to switch on/off a more events link, if number of events do not fit into a time slot.  
New Feed Icons.
- v.3.3.0: Update to newest version of fullCalendar script (2.3.2), all needed libraries and stylesheets. Add time format constants for month, week, day view. Add timezone constant to set the timezone. Remove timezone from feed records, because it does not work since fullcalendar 2.2.x anymore. Timezone from Google UI is used instead.
- v.3.4.0: TYPO3 7 LTS Compatibility Update. Changed vendor name from TYPO3 to MediaEssenz.