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# Datec Timeline

Release 1.1.0

Philipp Roensch

2016-02-22 17:48



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## WHAT DOES IT DO?

This extension gives a basic appointment model to organize appointments. The frontend solution is jQuery FullCalendar, which requires jQuery and jQuery-ui to be installed. The extension frontend is based on fullcalendar functionality, combined with the appointment object, perfect to handle appointments with multiple participants:

- Calendar and agenda views per month, week or day
- Appointments can be edited in frontend view, dragging and moving events is supported
- Appointments have title, description, creator or participants assigned from frontend users and a reminder date
- Access to the plugins features can be controlled with access rights to the plugin content element
- Frontend view is optimized for responsive design and tested with Bootstrap 3

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**Tip:** Visit & contribute: [https://github.com/theorak/datec\\_timeline](https://github.com/theorak/datec_timeline)

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**Tip:** More information about fullcalendar: <http://fullcalendar.io/>

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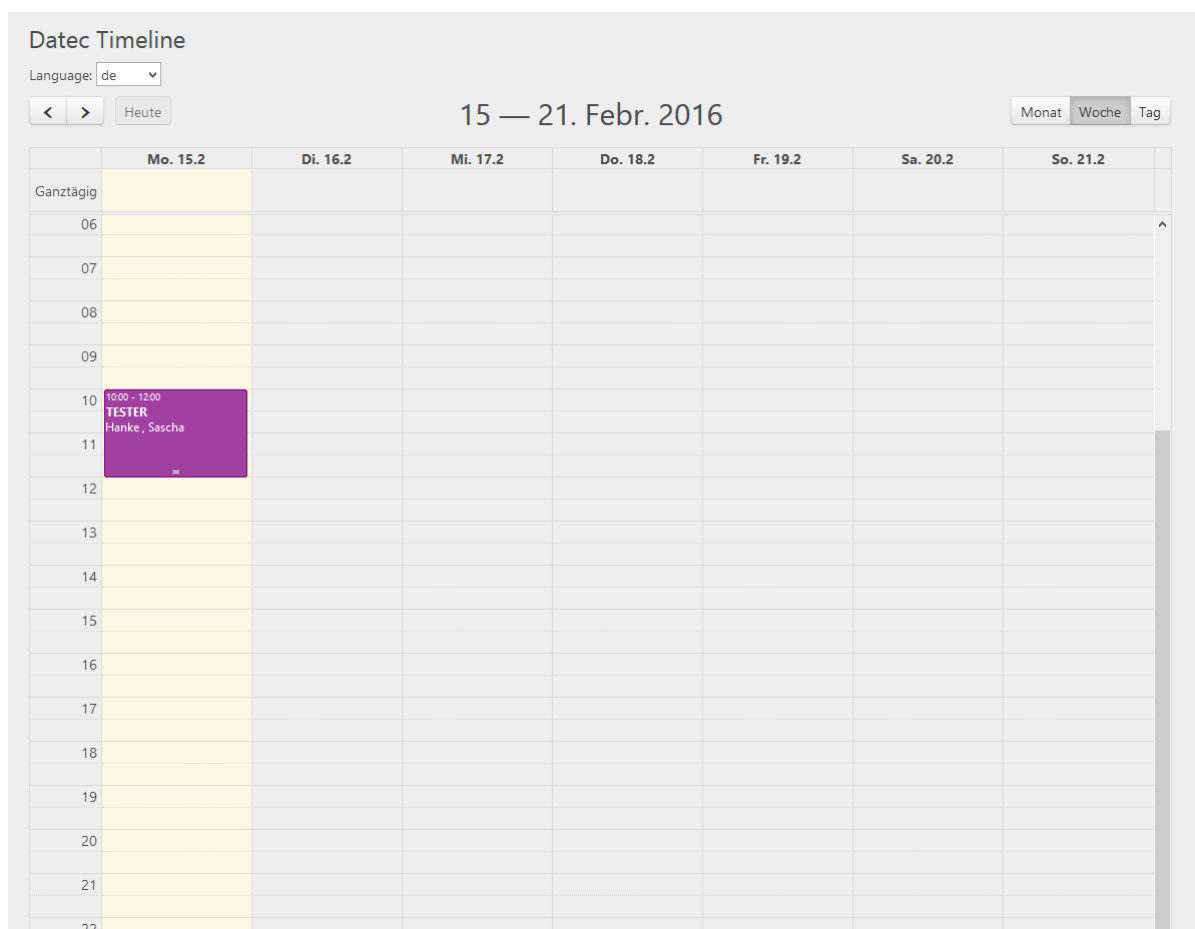


Figure 1.1: Datec Timeline just after installation

# USERS MANUAL

Target group: **Users and Editors**

## 2.1 Editors - Creator of Appointments

The color that appointments appear in is based around the creator of that appointment. All creators are frontend users, thus to change his color, look for the Date Color option in the users data.

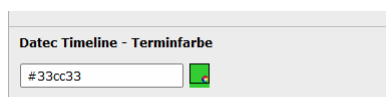


Figure 2.1: Editing Frontend users as creators

## 2.2 Users - Views

The default view is fullcalendar's "Agenda Week" view. This view is optimal for appointments with time information. The controls on the right also let the user switch between monthly and per day view, the latter is forced as default for mobile devices or small screens. Also above the timeline you'll find the list of creators of appointments, click them to filter the viewed appointments. This view will refresh every 30 seconds.

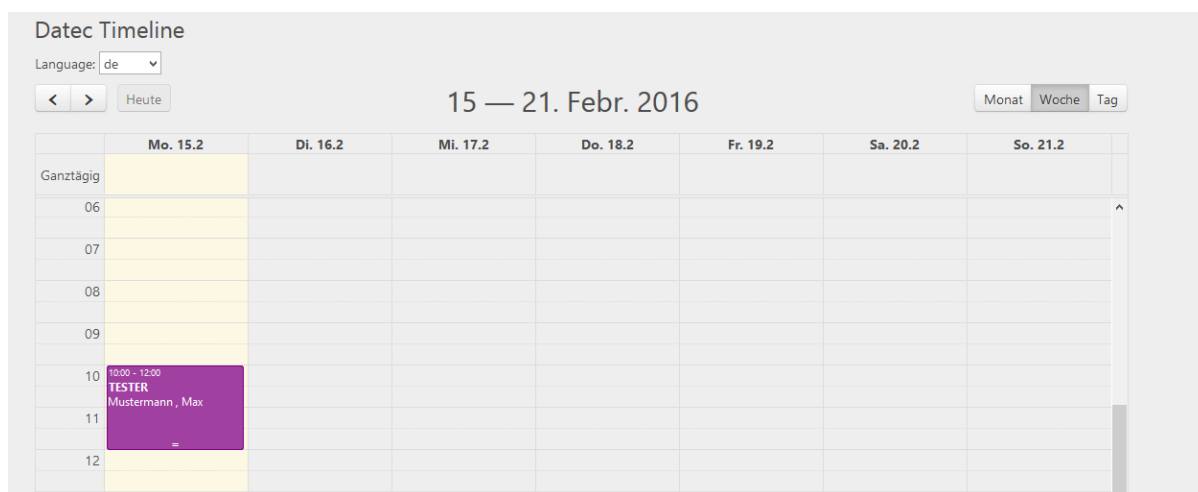


Figure 2.2: Viewing of appointments

## 2.3 Users - Creating and Editing

Users can create and edit appointments right in the frontend. Just click on any spot in the timeline and a popup window for all necessary properties appears: - Title: the title of the appointment. - Description: A short description of the appointment. - Participants: A list of other frontend-users to invite to this appointment. - From/To: The date-time range of the appointment, prefilled with the selected date. - Reminder From: Automatic reminder e-mails will be send after this date, prefilled with the start of the appointment. Note: The currently logged in frontend user is saved as the creator of the appointment.

The appointment can then be edited again, by simply clicking on it, or moving it to a desired date.

The screenshot shows a vertical popup window for creating or editing an appointment. It features an orange header bar with a close button (X). The main content area is divided into several sections:
 

- Titel:** A text input field containing the word "TESTER".
- Beschreibung:** A larger text area containing the text "bla bla".
- Teilnehmer:** A list box showing a selection of users. "proensch" is currently selected and highlighted in blue. Below it, "Mustermann, Max" is visible.
- Von:** A date-time input field showing "15.02.2016 10:00".
- Bis:** A date-time input field showing "15.02.2016 12:00".
- Erinnerung ab:** A date-time input field, currently empty.

 At the bottom of the popup, there is a calendar widget for February 2016. The calendar shows days from 1 to 29. The 16th is highlighted in blue. To the right of the calendar is a time selection dropdown menu with options: 12:00, 13:00, 14:00, 15:00, 16:00, and 17:00. The 12:00 option is currently selected.

Figure 2.3: Viewing of appointments



# ADMINISTRATOR MANUAL

Target group: **Administrators**

## 3.1 Requirements

**Caution:** You must load the jQuery JavaScript framework and jQuery-uid plugin yourself as the frontend plugin utilizes functions that depend on these libraries.

## 3.2 Installation

1. Download and install the extension via the extension manager (extKey: datec\_timeline).
2. Add one storage folder for appointments, note down the page id (PID) of this folder.
3. Check the Configuration section of this manual for the required configuration and follow the steps there.
4. Insert the main plugin as described below.
5. (optional) Add the scheduler task for appointment reminder e-mails.

## 3.3 Insert Plugin

1. Insert a content element, choose “Plugins” -> “General Plugin”

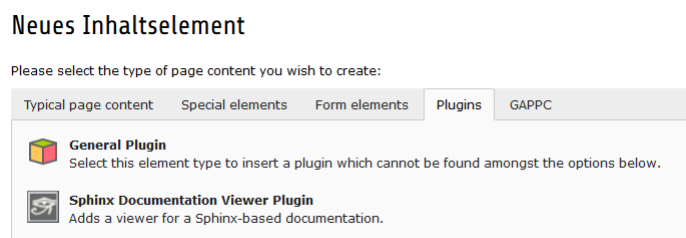


Figure 3.1: Inserting content element of type “Plugin”

2. Choose the plugin “Datec Timeline”.
3. (optional) Set access rights as required, appointments should have a closed group of users.

### Page Content auf Seite "Liste" bearbeiten



The screenshot shows a web interface for editing page content. At the top, there are tabs: 'Allgemein', 'Plugin', 'Appearance', 'Access', and 'Kategorien'. The 'Plugin' tab is active. Below the tabs, there is a section titled 'Selected Plugin' which contains a dropdown menu with a clock icon and the text 'Datec Timeline'. Below this section is another section titled 'Plugin Mode' which is currently empty.

Figure 3.2: Choosing a display form

## 3.4 Add Reminder E-mail Task

1. Goto the BE-Mudole scheduler (scheduler extension must be installed and configured).
2. Add a new scheduler task “Datec Timeline - Reminder e-mails task”
3. It is recommended to set a recurring, daily task (86400 seconds) and set the time of execution time to 0:00 am.
4. Note that the e-mail language depends on the langue setting of the `_cli_scheduler` backend user.

Target group: **Administrators**

## CONFIGURATION REFERENCE

This section describes all options available for Datec Timeline via TypeScript setup. To change these options please add a new extension template to your ROOT template.

### 4.1 Minimal configuration

Upon installation, please add the static extension template ‘Datec Timeline’ to your ROOT template (Web > Template > edit root page template > Includes > select static template from extensions) and set at least the following options:

```
# PID of your storage folder for appointments
plugin.tx_datectimeline.persistence.storagePid = 123
plugin.tx_datectimeline.settings.storagePid = 123

# Valid e-mail address to dispatch automatic mails from
plugin.tx_datectimeline.settings.mail.internMailFrom = timeline@no-reply.com
```

### 4.2 General configuration

plugin.tx\_datectimeline.

Property	Data type	Description	Default
view.templateRootPaths	array	Constant, path to template files if you wish to use your own.	EXT:datec_timeline/Resources/Private/Templates/
view.partialRootPaths	array	Constant, path to partial template files if you wish to use your own.	EXT:datec_timeline/Resources/Private/Partials/
view.layoutRootPaths	array	Constant, path to layout files if you wish to use your own.	EXT:datec_timeline/Resources/Private/Layouts/
persistence.storagePid	int	System folder for appointments.	
settings.storagePid	int	System folder for appointments.	
settings.mail.internMailFrom	string	E-mail address for automatic notification Mails [FROM].	timeline@no-reply.com
settings.mail.internMailFromName	string	Name to display for automatic notification Mails [FROM-NAME].	Datec Timeline
settings.display.comments.dateFormat	string	Like ‘settings.display.dateFormat’ for comments only.	d.m.Y - H:
settings.reminderMailAfterCreation	string	Send out first reminder E-Mail after creation of appointment.	true
settings.reminderMailAfterEdit	string	Send out a reminder E-Mail after each edit of appointment.	true
settings.langOptions	string	Hides/shows language options.	true



## KNOWN PROBLEMS

No problems reported yet.

Issues will be tracked [here](#)



## TO-DO LIST

All is well.

See current development [here](#)





## CHANGE LOG

Changes will be tracked [here](#).



## 8.1 How to change the layout/design?

Copy the template files (`datec_timeline\Resources\Private\Layouts\Partials, \Templates`) into the `fileadmin` folder and change the paths via TS or constant editor (see the configuration section of this document).