

## QFQ - Feature #8658

### Calendar UI read/write/show

02.07.2019 18:47 - Carsten Rose

<b>Status:</b>	Closed	<b>Start date:</b>	02.07.2019
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Benjamin Baer	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	20.2.0	<b>Spent time:</b>	0.00 hour
<b>Discuss:</b>			

#### Description

- Fuer 'Consulting' benoetigt QFQ eine Moeglichkeit Time Slots anzubieten, in denen anonyme User ein Date buchen koennen.
- Die User sollen sehen koennen welche Zeiten alle moeglich sind und selber Termine eintragen koennen.
- Die User sehen nur moegliche Zeiten. Erfolgte Belegungen koennen nicht gebucht werden (werden nicht angeboten)
- Option:
  - Keine Slots vorgeben, jeder Termin sollte moeglich sein.
  - Mehrere Calender koennen uebereinander gelegt werden.
- Option: CR moechte die Planung der Studies (wann wer da ist, wiederkehrende Termine mit Ausnahmen) darueber laufen lassen.

Kleine Google Suche:

- <https://github.com/ZContent/icalendar>
- <https://icalendar.org/> - Testet ical Files.
- <https://icalendar.org/php-library.html> - Library.
- <https://www.twilio.com/blog/how-create-ical-calendar-feed-php-laravel-lumen>
- [https://www.phpclasses.org/package/9277-PHP-Parse-iCalendar-ics-files-to-extract-event-details.html#view\\_files](https://www.phpclasses.org/package/9277-PHP-Parse-iCalendar-ics-files-to-extract-event-details.html#view_files)

Suche: calendar ui javascript php

- <https://github.com/BrandonDusseau/ics-display>
- <https://fullcalendar.io/> (<<< Sieht gut aus, MIT Lizenz)
- <https://www.jqueryscript.net/tags.php?/Calendar/>

#### Related issues:

Related to QFQ - Feature #8056: Termin Organisation (Reservation)	<b>Some day may</b>	<b>05.03.2019</b>
Related to QFQ - Support #9924: fullCalendar: events do not start on full hour	<b>Closed</b>	<b>21.01.2020</b>

#### History

##### #1 - 02.07.2019 19:16 - Carsten Rose

- Description updated

##### #2 - 30.07.2019 12:31 - Marc Egger

- Due date changed from 11.07.2019 to 30.09.2019

##### #3 - 31.08.2019 17:35 - Carsten Rose

- Tracker changed from Support to Feature

##### #4 - 01.10.2019 14:17 - Marc Egger

- Due date changed from 30.09.2019 to 30.10.2019

##### #5 - 30.10.2019 15:19 - Marc Egger

- Due date changed from 30.10.2019 to 30.11.2019

**#6 - 14.11.2019 18:53 - Benjamin Baer**

<https://madewithvuejs.com/calendars>

**#7 - 25.11.2019 08:35 - Marc Egger**

- Related to Feature #8056: Termin Organisation (Reservation) added

**#8 - 03.12.2019 09:04 - Marc Egger**

- Due date changed from 30.11.2019 to 31.12.2019

**#9 - 11.12.2019 16:01 - Carsten Rose**

- Status changed from New to Some day maybe

**#10 - 16.12.2019 09:59 - Marc Egger**

- Due date deleted (31.12.2019)

**#12 - 13.01.2020 18:37 - Marc Egger**

- Description updated

**#13 - 13.01.2020 18:37 - Marc Egger**

- Description updated

**#14 - 14.01.2020 14:54 - Benjamin Baer**

- Vermutlich wird fullCalendar eingebunden
- Implementierung wird getestet im Branch f8658-Calendar
- Testsetup auf webwork16/bbaer

(nur notizen)

**#15 - 16.01.2020 14:21 - Benjamin Baer**

Implementiert.

Beispiel: <https://webwork16.math.uzh.ch/bbaer/index.php?id=12>

Neue Includes:

CSS

```
file08 = typo3conf/ext/qfq/Resources/Public/JavaScript/fullCalendar/core/main.css
file09 = typo3conf/ext/qfq/Resources/Public/JavaScript/fullCalendar/daygrid/main.css
file10 = typo3conf/ext/qfq/Resources/Public/JavaScript/fullCalendar/timegrid/main.css
```

JS

```
file13 = typo3conf/ext/qfq/Resources/Public/JavaScript/fullCalendar/core/main.min.js
file14 = typo3conf/ext/qfq/Resources/Public/JavaScript/fullCalendar/daygrid/main.min.js
file15 = typo3conf/ext/qfq/Resources/Public/JavaScript/fullCalendar/timegrid/main.min.js
```

Aufruf:

```
<div class="qfq-calendar" data-config="{ 'plugins': [ 'timeGrid' ] }"></div>
```

Events hinzufuegen:

```
events: [
  {
    id: 'a',
    title: 'my event',
    start: '2020-01-21'
  },
]
```

```

    {
      id: 'b',
      title: 'my other event',
      start: '2020-01-16T09:00:00',
      end: '2020-01-16T11:30:00'
    }
  ]

```

Ist Part von data-config - kann auch extern geladen werden. Dazu im data-config das events auf eine URL setzen: "events": "https://.../event-api" oder "https://.../events.json"

Nuetzliche Parameter:

- "weekends": "true" / "false" (anzeige der Wochenende)
- "minTime" / "maxTime": "09:00:00" (setzt die Mindest / Maximale Zeit die angezeigt wird im Kalender)
- "businessHours": <object> (Graut Zeiten aus)

#### #16 - 16.01.2020 15:01 - Benjamin Baer

Simplified the includes:

```

typo3conf/ext/qfq/Resources/Public/Css/fullCalendar.min.css
typo3conf/ext/qfq/Resources/Public/JavaScript/fullCalendar.min.js

```

#### #17 - 17.01.2020 17:03 - Benjamin Baer

Neuer / Alter Kalender!

- Latest fullCalendar.js ist fuer BS4 - es gibt Probleme bei der Darstellung.
- Downgrade damit wir BS3 verwenden koennen.

neues Zeug zum Einbinden:

```

CSS
file08 = typo3conf/ext/qfq/Resources/Public/Css/fullcalendar.min.css
JS
file13 = typo3conf/ext/qfq/Resources/Public/JavaScript/moment.min.js
file14 = typo3conf/ext/qfq/Resources/Public/JavaScript/fullcalendar.min.js

```

**Vorsicht:** Neu Kleingeschrieben!~

beispiel auf der seite:

```

10.sql = SELECT 'Test' 10.head = <div class="qfq-calendar" data-config="{ "themeSystem": "bootstrap3", "height": "auto", "weekends": false,
"defaultView": "agendaWeek", "minTime": "05:00:00", "maxTime": "20:00:00", "businessHours": { "daysOfWeek": [ 1, 2, 3, 4 ], "startTime": "10:00",
"endTime": "18:00" }, "events": [ { "id": "a", "title": "my event", "start": "2020-01-21" }, { "id": "b", "title": "my other event", "start": "2020-01-16T09:00:00",
"end": "2020-01-16T11:30:00" } ]"></div>

```

Wichtig: agendaWeek anstelle von timeGrid, kein Plugin mehr.

Ansehbar hier: <https://webwork16.math.uzh.ch/bbaer/index.php?id=12>

## #18 - 17.01.2020 17:05 - Benjamin Baer

Alles im FullCalendarBS3 Branch

## #19 - 17.01.2020 17:26 - Benjamin Baer

```
10.sql = SELECT 'Test' 10.head = <div class="qfq-calendar" data-config="{ "themeSystem": "bootstrap3", "height": "auto", "defaultDate": "2020-01-13", "weekends": false, "defaultView": "agendaWeek", "minTime": "05:00:00", "maxTime": "20:00:00", "businessHours": { "daysOfWeek": [ 1, 2, 3, 4 ], "startTime": "10:00", "endTime": "18:00" }, "events": [ { "id": "a", "title": "my event", "start": "2020-01-21", "end": "2020-01-21", "color": "#5cb85c", "textColor": "#000" }, { "id": "b", "title": "my other event", "start": "2020-01-16T09:00:00", "end": "2020-01-16T11:30:00" } ]"></div>
```

## #20 - 20.01.2020 14:40 - Benjamin Baer

Hinzugefuegt.

```
5.sql = SELECT 'Test' 5.head = <div class="qfq-calendar" data-config="{ "themeSystem": "bootstrap3", "height": "auto", "header": { "left": "title", "center": "", "right": "agenda,listWeek" }, "defaultDate": "2020-01-14", "allDaySlot": false, "weekends": false, "defaultView": "agenda", "dayCount": 3, "minTime": "05:00:00", "maxTime": "20:00:00", "businessHours": { "daysOfWeek": [ 1, 2, 3, 4 ], "startTime": "10:00", "endTime": "18:00" }, "events": [ { "id": "a", "title": "my event", "start": "2020-01-15T10:15:00", "end": "2020-01-15T11:50:00", "color": "#25adf1", "textColor": "#000" }, { "id": "b", "title": "my other event", "start": "2020-01-16T09:00:00", "end": "2020-01-16T11:30:00", "color": "#5cb85c", "textColor": "#000" }, { "id": "c", "title": "Eventli", "start": "2020-01-15T13:10:00", "end": "2020-01-15T16:30:00", "color": "#fb64f", "textColor": "#000" }, { "id": "d", "title": "Evento", "start": "2020-01-14T13:50:00", "end": "2020-01-14T15:00:00", "color": "#fb4f4f", "textColor": "#000" } ]"></div>
```

<https://webwork16.math.uzh.ch/bbaer/index.php?id=12>

Beispiel mit Farben pro Event, custom header und nur einer bestimmten Anzahl Tage (hier durch defaultView: Agenda, dayCount: 3, kann aber auch durch ranges eingestellt werden.)

## #21 - 20.01.2020 14:57 - Benjamin Baer

```
5.sql = SELECT 'Test' 5.head = <div class="qfq-calendar" data-config="{ "themeSystem": "bootstrap3", "height": "auto", "header": { "left": "title", "center": "", "right": "agenda,listWeek" }, "defaultDate": "2020-01-14", "now": "1999-12-31", "allDaySlot": false, "weekends": false, "defaultView": "agenda", "dayCount": 3, "minTime": "05:00:00", "maxTime": "20:00:00", "businessHours": { "daysOfWeek": [ 1, 2, 3, 4 ], "startTime": "10:00", "endTime": "18:00" }, "events": [ { "id": "a", "title": "my event", "start": "2020-01-15T10:15:00", "end": "2020-01-15T11:50:00", "color": "#25adf1", "textColor": "#000" }, { "id": "b", "title": "my other event", "start": "2020-01-16T09:00:00", "end": "2020-01-16T11:30:00", "color": "#5cb85c", "textColor": "#000" }, { "id": "c", "title": "Eventli", "start": "2020-01-15T13:10:00", "end": "2020-01-15T16:30:00", "color": "#fb64f", "textColor": "#000" }, { "id": "d", "title": "Evento", "start": "2020-01-14T13:50:00", "end": "2020-01-14T15:00:00", "color": "#fb4f4f", "textColor": "#000" }, { "id": "d", "title": "Busy", "start": "2020-01-14T09:00:00", "end": "2020-01-14T12:00:00", "color": "#ccc", "textColor": "#000" }, { "id": "e", "title": "Banana", "start": "2020-01-16T13:30:00", "end": "2020-01-16T16:00:00", "color": "#fff45b", "textColor": "#000" } ]"></div>
```

Noch ein update. 2 mehr farben hinzugefuegt.

Man kann den "heute" indikator nicht aendern (ausser generell entfernen per CSS) aber man kann heute auf ein falsches Datum setzen, deswegen now: "1999-12-31" - denke es ist die bessere Variante, da man teilweise den heute Indikator sehen will.

## #22 - 20.01.2020 22:51 - Carsten Rose

- Status changed from *Some day maybe* to *New*
- Assignee changed from *Marc Egger* to *Benjamin Baer*

Danke, sieht sehr schoen aus.

New:

- Wie stellt man denn auf Deutsch um? <https://fullcalendar.io/docs/v3/locale> - hat bei mir nicht funktioniert.
- Wie aendert man die Achsenbeschriftung?

Vielen Dank

#### **#23 - 21.01.2020 10:29 - Benjamin Baer**

<https://webwork16.math.uzh.ch/bbaer/index.php?id=12>

anfuegen: "locale": "de-ch"

plus importieren der gewuenschten locale like so:

file15 = typo3conf/ext/qfq/Resources/Public/JavaScript/fullCalendar/de-ch.js

file16 = typo3conf/ext/qfq/Resources/Public/JavaScript/fullCalendar/fr-ch.js

file17 = typo3conf/ext/qfq/Resources/Public/JavaScript/fullCalendar/it.js

oder

typo3conf/ext/qfq/Resources/Public/JavaScript/fullCalendar/locale-all.js

ist im fullCalendarBS3 branch

#### **#24 - 21.01.2020 22:31 - Carsten Rose**

- Related to Support #9924: fullCalendar: events do not start on full hour added

#### **#25 - 23.01.2020 15:03 - Benjamin Baer**

- Status changed from *New* to *Priorize*

#### **#26 - 02.02.2020 23:05 - Carsten Rose**

- Status changed from *Priorize* to *Closed*

- Target version set to 20.2.0