

FullCalendar Module Related Issue and Resources

Issue 2025-05-29 Using URL Parameter and Overriding Default Links

Issue:

Need to use URL Parameters to redirect users to the desired calendar view mode, and overriding event block's default action (linking to the event page)

Solution:

Final Solution:

wrote a patch myself to allow URL parameter for view mode

```
355     },  
356   ],  
357   const viewParam = params.get('mode');  
358   const initialView = calendarOptions.defaultView;  
359   const validViews = ['dayGridMonth', 'dayGridWeek', 'dayGridDay',  
    'timeGridWeek', 'timeGridDay', 'listYear', 'listMonth', 'listWeek',  
    'listDay'];  
360   if (viewParam) {  
361     if (validViews.includes(viewParam)) {  
362       calendarOptions.defaultView = viewParam;  
363     } else {  
364       calendarOptions.defaultView = initialView; // Fallback view  
365     }  
366   }  
367 }
```

URL Parameter:

This patch may help

<https://www.drupal.org/project/fullcalendar/issues/1206518>

<https://www.drupal.org/files/issues/fullcalendar-1206518-2.patch>

Override default link behaviour:

<https://stackoverflow.com/questions/7813271/how-to-disable-event-links-in-fullcalendar-when-using-google-calendar-feed/55801956#55801956>



The documentation on the FullCalendar website refers to the callback function 'eventClick':

14

<http://arshaw.com/fullcalendar/docs/mouse/eventClick/>



If the url property is set on the Event Object, then returning false prevents the browser from visiting the event url. So, when you initialise FullCalendar add the eventClick callback function with something along the lines of...



```
$('#calendar').fullCalendar({
  eventClick: function(event) {
    if (event.url) {
      return false;
    }
  }
});
```

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answered Oct 8, 2013 at 15:38



groper

169 ● 1 ● 4

Deprecated. For version 5.5 use stackoverflow.com/a/55801956/7015138 – V14dimyr Feb 16, 2021 at 9:12

Add a comment

In FullCalendar module's fullcalendar_view.js

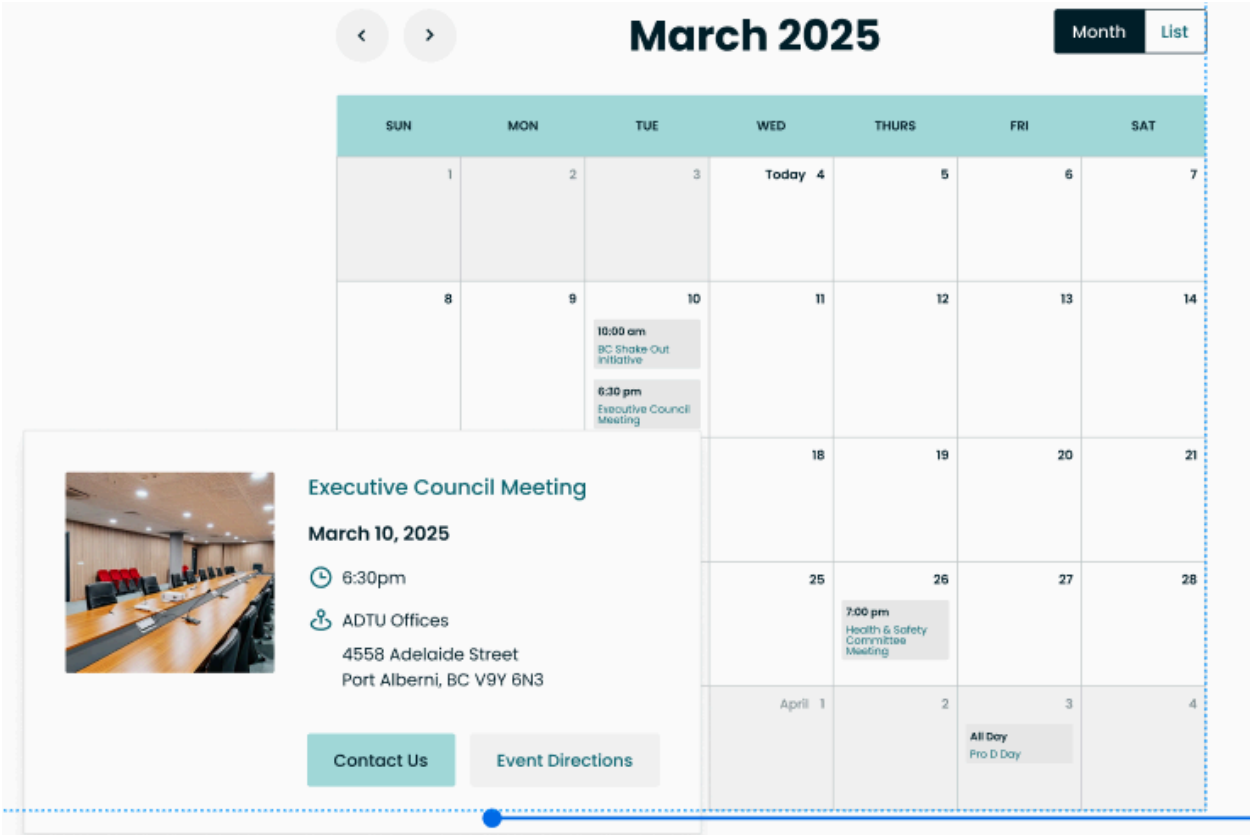
```
198     }
199     // Open a new window to show the details of the event.
200     if (thisEvent.url) {
201         return false
202         // let eventURL = new URL(thisEvent.url, location.origin);
203         // if (eventURL.origin === "null") {
204         //     // Invalid URL.
205         //     return false;
206         // }
207         // if (viewSettings.openEntityInNewTab) {
208         //     // Open a new window to show the details of the event.
209         //     window.open(thisEvent.url);
210         //     return false;
211         // }
212         // else {
213         //     // Open in same window
214         //     window.location.href = thisEvent.url;
215         //     return false;
216         // }
217     }
```

Issue: 2025-05-28 Implementing different design for the event items under Month mode and List mode in FullCalendar View

Issue:

there are two different designs for each event item under month mode and list mode but the vanilla FullCalendar module does not provide a straightforward way to customize the event item under two different display modes.

Event item on month mode: expect a pop up modal



Event item on List mode: expect a accordion to expand/fold more detailed info

March 10, 2025		Tuesday
10:00 am - 10:15 am	BC Shake Out Initiative	
6:30 pm - 8:30 pm	Executive Council Meeting ▼ Join us for the upcoming Executive Council Meeting of the Alberni District Teacher's Union. This meeting will focus on key educational initiatives and policies affecting our community. Members will have the chance to engage in discussions, share insights, and collaborate on strategies to enhance our educational environment. Your voice matters—be part of shaping the future of education in our district! 📍 ADTU Offices: 4558 Adelaide Street Port Alberni, BC V9Y 6N3 Contact Us Event Directions	
March 12, 2025		Thursday

Solution

- The FullCalendar module displays content on the calendar based on a content field in view (using content: title in the ADTU calendar view example)

Displays

Block Page + Add

Display name: [Page](#)

Title

Title: [Events Calendar](#)

Format

Format: [Full Calendar Display](#) | [Settings](#)

Fields Add ▼

[Content: ID \[hidden\]](#)

[Content: Body \[hidden\]](#)

Content: Title

[Content: Event Date](#)

[Content: Event Date: end value](#)

[Content: Body](#)

Filter criteria Add ▼

[Content: Published \(= Yes\)](#)

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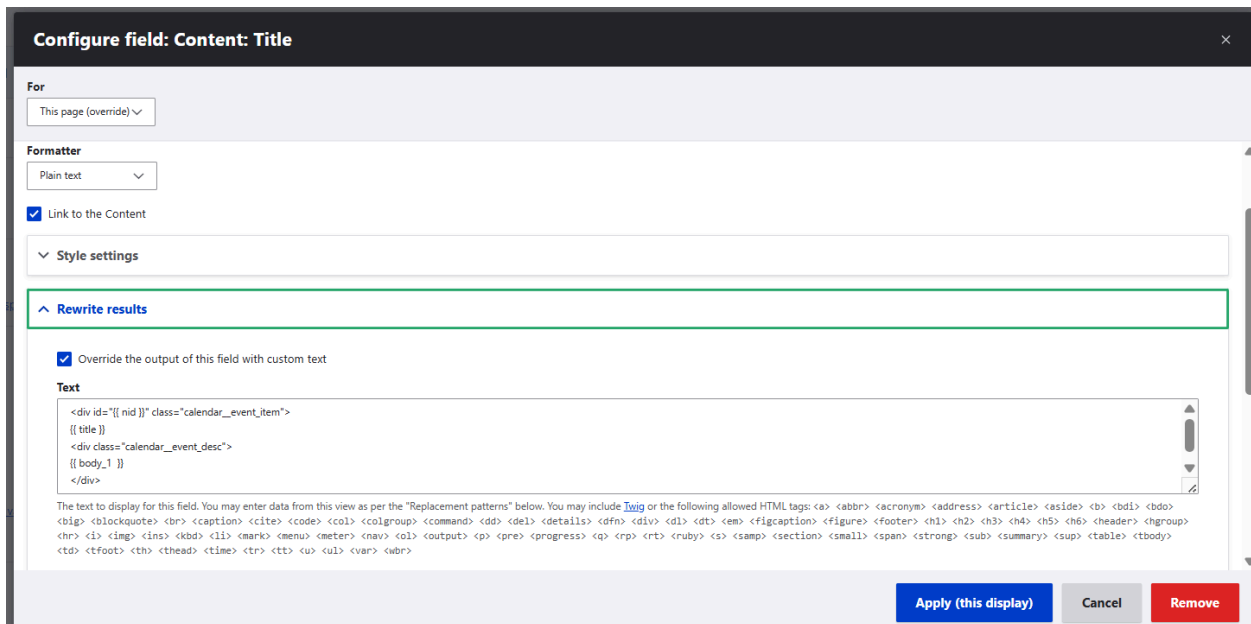
- FullCalendar module uses two different class under month mode and list mode for the displayed event content

```

787 /
788 /*calendar*/
789 /*////////////////////*/
790 /*////////////////////*/
791
792 ▾ .fc-dayGridMonth-view .fc-day-grid-event .calendar__event_item
      .calendar__event_desc {
793     display: none;
794 }
795 ▾ ⚠ .fc-listYear-view .fc-list-item-title .calendar__event_item {
796     /*color: yellow;*/
797 }
798
799 |
800

```

So to achieve the desired design result, one can set two sets of layouts for month mode and list mode respectively in the Rewrite Result option of Content: Title in the calendar view settings, assign different classes, and style those classes accordingly so only one layout version is shown at the same time



Example Code:

```

<div class="title">

```

```
<div class="month-layout">
  ...
</div>

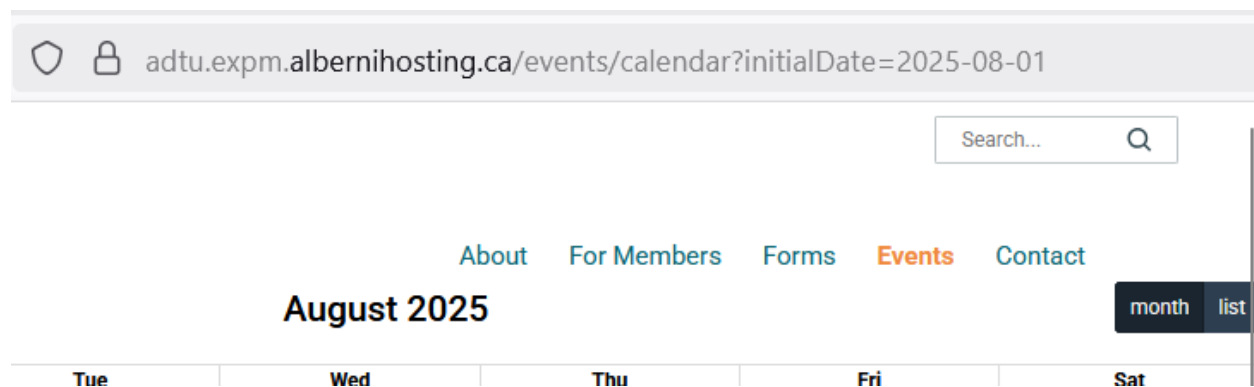
<div class="list-layout">
  ...
</div>

</div>

{
  .month-mode .list-layout {
    display: none;
  }
  .list-mode .month-layout {
    display: none;
  }
}
```

Resources: 2025-05-28 Query Parameter for FullCalendar View Page

FullCalendar Module allows query parameter "initialDate" to be used to jump to a specific date



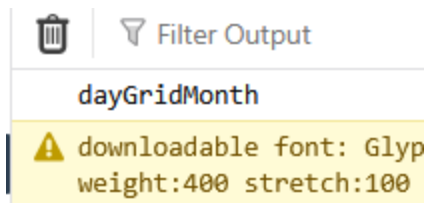
Reference:

```
//fullcalendar_view.js under modules/contrib/<full calendar view module folde
r>
//line 349

// Allow passing a default date via query string.
const params = (new URL(document.location)).searchParams;
const initialDate = params.get('initialDate')
if (initialDate) {
  calendarOptions.defaultDate = initialDate;
}
```

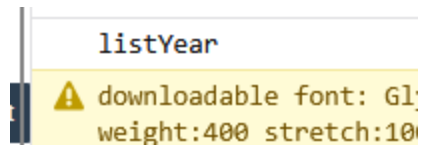
FullCalendar Module 's calendar month mode is named as dayGridMonth

```
312     let viewSettings = drupalSettings.fullCalendarView[viewIndex];
313     var calendarOptions = JSON.parse(viewSettings.calendar_options);
314     console.log(calendarOptions.defaultView)
315     // Switch default view at mobile widths.
316     if (calendarOptions.mobileWidth !== undefined && calendarOptions
        .defaultMobileView !== undefined && $(window).width() <=
        calendarOptions.mobileWidth) {
317         calendarOptions.defaultView = calendarOptions.defaultMobileView;
318     }
```



FullCalendar's list year mode is named as listyear

```
312     let viewSettings = drupalSettings.fullCalendarView[viewIndex];
313     var calendarOptions = JSON.parse(viewSettings.calendar_options);
314     console.log(calendarOptions.defaultMobileView)
315     // Switch default view at mobile widths.
316     if (calendarOptions.mobileWidth !== undefined && calendarOptions
        .defaultMobileView !== undefined && $(window).width() <=
```



Hence it is possible to set the calendar display mode with

```
(function ($, Drupal, drupalSettings) {  
  ...  
  //referenced from fullcalendar_view.js under modules/contrib/<full calendar vi  
  ew module folder>  
  let viewIndex = parseInt(this.el.getAttribute('data-calendar-view-index'));  
  let viewSettings = drupalSettings.fullCalendarView[viewIndex];  
  var calendarOptions = JSON.parse(viewSettings.calendar_options);  
  //////////  
  ...  
  calendarOptions.defaultView='listYear'  
  
})
```