
Wagtail Calendar Documentation

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CHAPTER 1

Getting started

It is as simple as installing it and adding it to the installed apps:

```
$ pip install wagtail-calendar
```

```
INSTALLED_APPS = [  
    ...  
    'wagtail_calendar',  
    ...  
]
```


2.1 Changing the event data

You can add a `get_page_event_data` method to your page model to change the data used by the calendar. The default data are:

```
return {
    'type': 'page',
    'pk': page.pk,
    'author': str(page.owner),
    'description': page.search_description, # description can be HTML to allow more_
    ↪ customization of the popup
}
```

2.2 Adding events

There are two wagtail hooks available to add events. `wagtail_calendar_register_events` is used to add events to the calendar. The properties of the events are the one from [fullcalendar](#). The hook take the request, a start date, a end date and a list of events already in the calendar. You must return the whole list of events which will appear in the calendar.

```
@hooks.register('wagtail_calendar_register_events')
def my_events(request, start, end, events):
    if start is not None:
        start = parse_datetime(start)
    if end is not None:
        end = parse_datetime(end)
    my_events = []
    for event in MyEvent.objects.filter(start__gte=start, end__lte=end):
        my_events.append({
            'id': event.pk,
            'title': event.title,
            'start': event.start.isoformat(),
```

```
        'end': event.end.isoformat(),
        'url': event.get_absolute_url(),
        'editable': False,
        'color': '#ff0000',
    })
    return events + my_events
```

`wagtail_calendar_register_side_events` is used to add events to the sidebar of the calendar. It is used for events which are not planned yet. The properties of the events are the one from `fullcalendar`. The hook take the request and a list of events already in the sidebar. You must return the whole list of events which will appear in the sidebar.

```
@hooks.register('wagtail_calendar_register_side_events')
def my_events(request, start, end, events):
    my_events = []
    for event in MyEvent.objects.filter(start__isnull=True):
        my_events.append({
            'id': event.pk,
            'title': event.title,
            'url': event.get_absolute_url(),
            'editable': True,
            'color': '#ff0000',
        })
    return events + my_events
```

CHAPTER 3

Indices and tables

- `genindex`
- `modindex`
- `search`