

Import Events: Automating the Process

By Peter Rubin

**Florida Drupal Camp
2026**



Background:

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- Contributor of Automation Tests to Feeds Module and in the Events Platform,
- Maintained tests for initial launch and pre-production of the Wu-Tsai Neuroscience website,
 - Working alot with Test Automation in Drupal Work-Space

Events Module:

The Events Module allows site developers to manage the event platforms with:

- Scheduling,
- Job listings,
- Featured Speakers,
- Event-Sponsors

to Custom Event Details.

Event Platform

[View](#)[Version control](#)[View history](#)

The Event Platform is actually a set of modules, each of which provides functionality designed to satisfy the needs of anyone creating a site for a Drupal Camp or similar event.

Event Platform Sessions creates a robust system for user-suggested sessions, including an approval workflow and the ability to automatically notify a user when their suggestion is accepted or rejected. Accepted sessions are displayed in a list, and there's also the ability to associate sessions with rooms, tracks, time slots, and more.

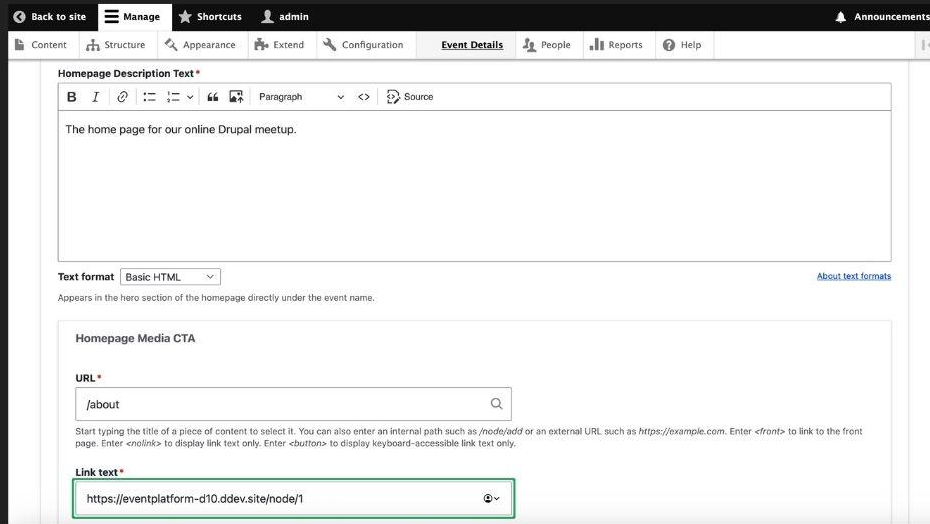
Event Platform Sponsors allows your site to display sponsors, sorted by tier of sponsorship (bronze, silver, gold, etc).

Event Platform Job Listing creates a way to list job openings, optionally associated with sponsors.

Event Platform Speakers makes it easy to list information about featured speakers at your event, for example, on the home page.

What were the results?

Automating Events creation:



The screenshot shows the 'Event Details' configuration page in a Drupal administration interface. The page has a top navigation bar with links like 'Back to site', 'Manage', 'Shortcuts', and 'admin'. Below this is a secondary navigation bar with tabs for 'Content', 'Structure', 'Appearance', 'Extend', 'Configuration', 'Event Details' (active), 'People', 'Reports', and 'Help'. The main content area is titled 'Homepage Description Text*' and contains a text editor with the text 'The home page for our online Drupal meetup.' Below the text editor is a 'Text format' dropdown set to 'Basic HTML'. Further down is a 'Homepage Media CTA' section with a 'URL*' field containing '/about' and a 'Link text*' field containing 'https://eventplatform-d10.ddev.site/node/1'. A green box highlights the 'Link text*' field.

**Faster Run-Time vs. Manual
Creation of Event type**

**A configured Event-Structure
and Schedule In the Script**

**More scalability Using the
Same Event Details**

Step 1) Creating a Issue Ticket:

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1. Produce a content type
2. Add fields (Time, Date, Description, Event type)
3. Create taxonomy to add into the input fields
4. Configure the Event content type
5. Produce an event from the set content types
6. Confirm the event is created

Active	
Project:	Automated Testing Kit
Version:	2.0.0
Component:	Code
Priority:	Normal
Category:	Plan
Assigned:	peterrubin
Reporter:	peterrubin
Created:	14 Oct 2025 at 19:18 PDT
Updated:	14 Oct 2025 at 19:18 PDT

Step 2) Outling the Complete Test:

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Add Feed Type (Basic Settings)

- Name
- Description
- Explanation

What are the
main Parts of
the Test?

Configure Feed Type (Content Imports)

- Fetcher
- Parser
- Processor
- Content Type

What are the sub-components?

Mappings Fetcher Directory (Source/Target)

- File Source
- URL Alias
- Set Target

Import Source File (Content Validation)

- Parse Input Source File
- Confirm All Values Imported

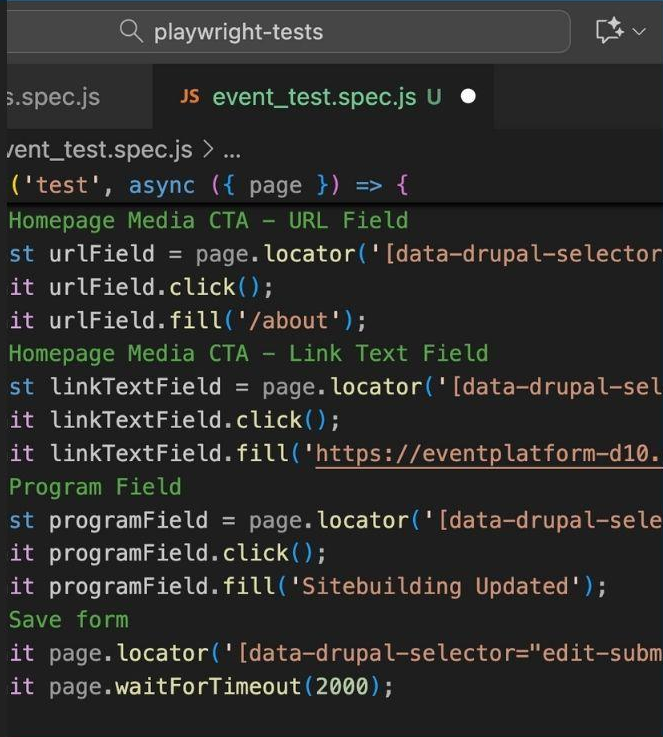
When do we know if it worked?

Step 3) Finding the Right Methods:

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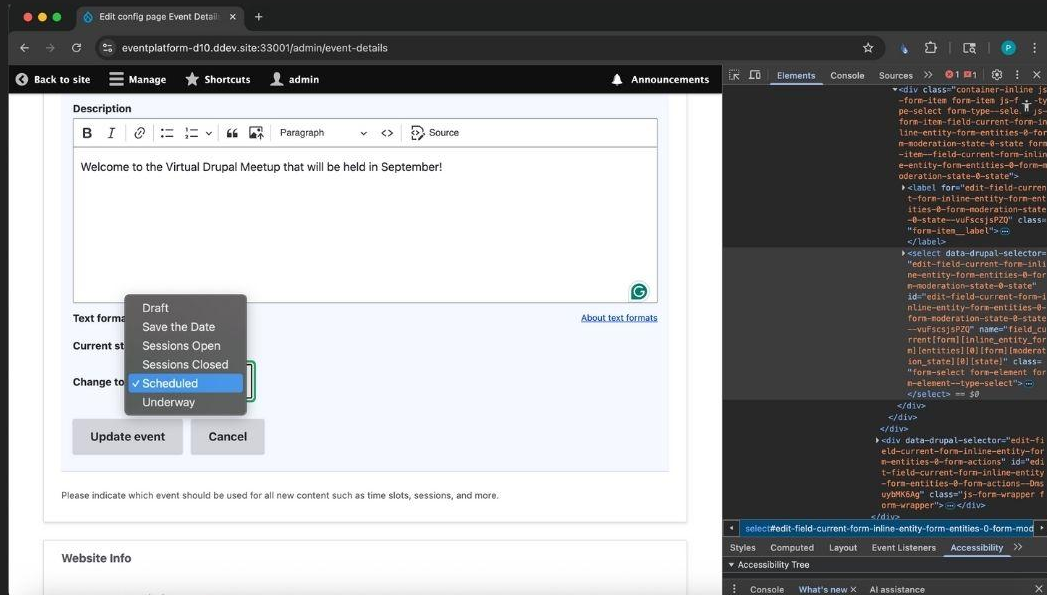
```
.Click( );           // which fields in the page?  
  
.Type( );           // where is my input from the test?  
  
.Visit( );          // which sub-page do I go to?  
  
.get( );            // which kind of selector is it?  
  
.Contains( );       // what are the page elements?
```

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Using Dev Tools for elements

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```
const moderationDropdown =  
page.locator('[data-drupal-selector=  
"edit-field-current-form-entity-form-  
entities-0-form-moderation-state-  
0-state"]');
```

Step 4) Sorting Each Scene:

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Enabling the Event Platform Modules

Creating Event Content Types (Sessions, Sponsors, Speakers)

Configuring Event Details and Scheduling

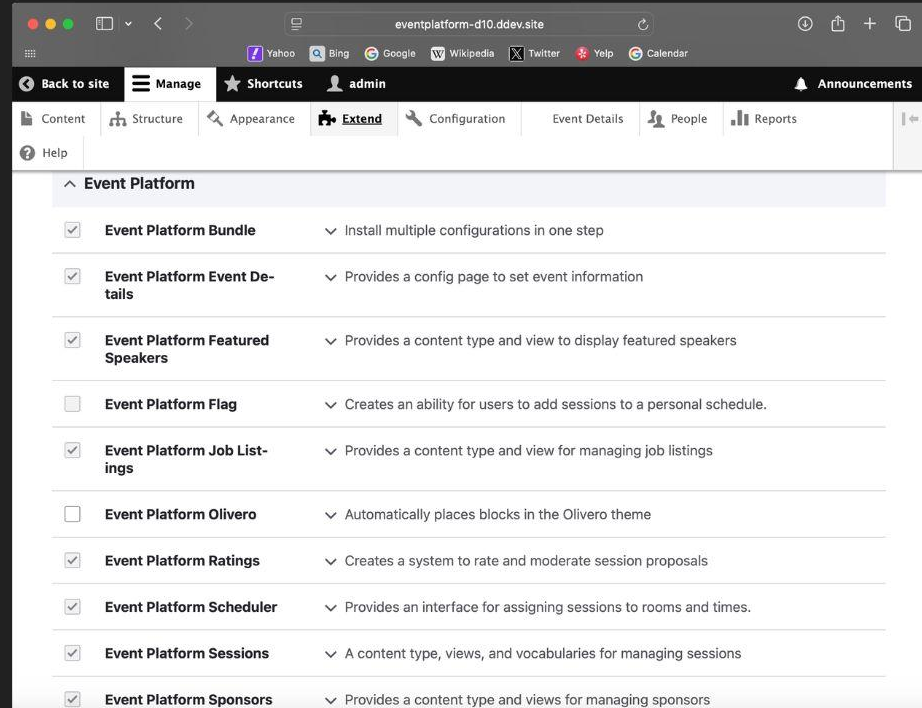
Assigning Rooms, Tracks, and Time Slots

Publishing the finalized Event schedule

Enabling the Event Platform modules

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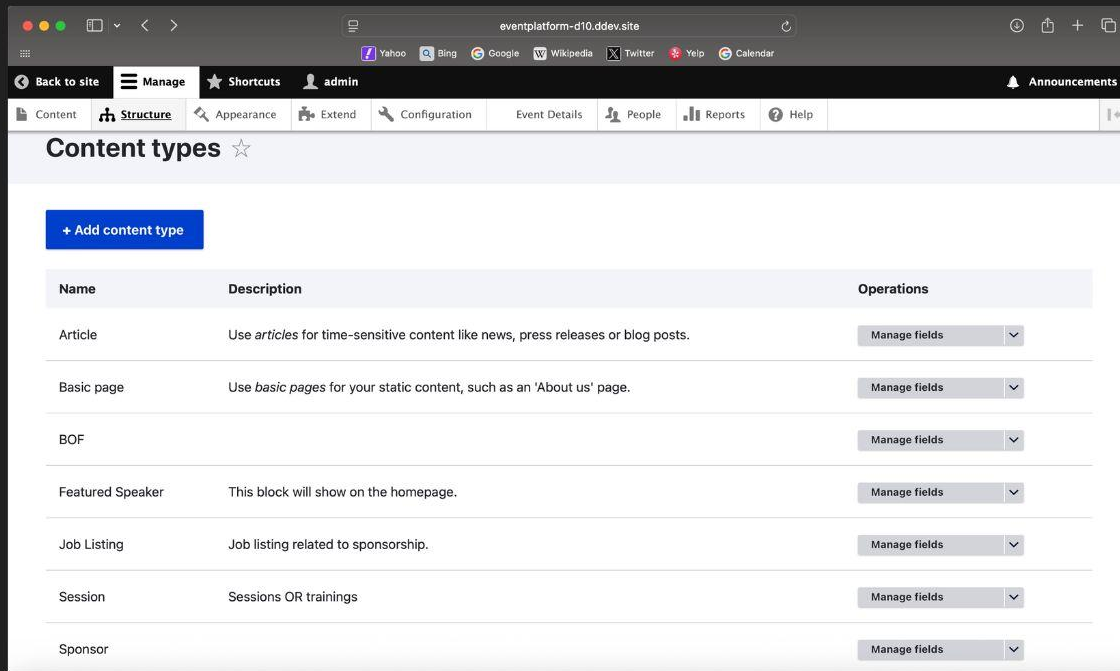
Ensure the Drupal
Version matches
the full span of
requirements and
dependencies



Creating Event content types

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It is more effective when the content-types are already set



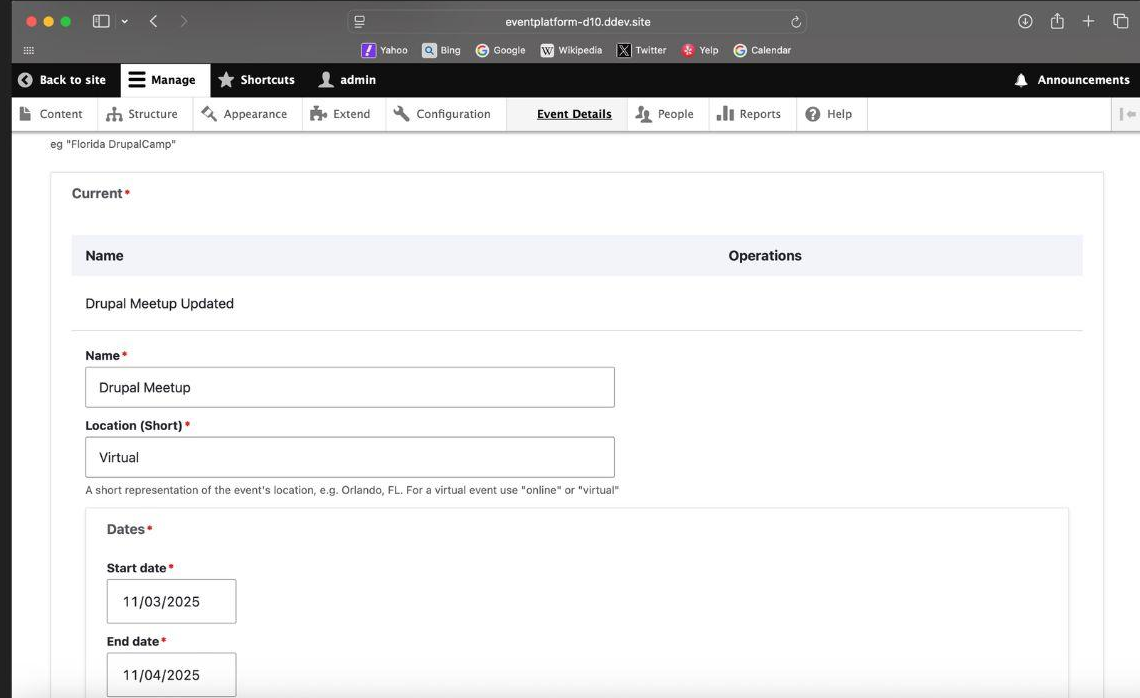
The screenshot shows the Drupal administration interface for 'eventplatform-d10.ddev.site'. The top navigation bar includes links for 'Back to site', 'Manage', 'Shortcuts', and 'admin'. Below this is a secondary navigation bar with tabs for 'Content', 'Structure', 'Appearance', 'Extend', 'Configuration', 'Event Details', 'People', 'Reports', and 'Help'. The 'Content' tab is active, displaying the 'Content types' page. A blue button labeled '+ Add content type' is at the top left of the content area. Below it is a table listing existing content types.

Name	Description	Operations
Article	Use <i>articles</i> for time-sensitive content like news, press releases or blog posts.	Manage fields
Basic page	Use <i>basic pages</i> for your static content, such as an 'About us' page.	Manage fields
BOF		Manage fields
Featured Speaker	This block will show on the homepage.	Manage fields
Job Listing	Job listing related to sponsorship.	Manage fields
Session	Sessions OR trainings	Manage fields
Sponsor		Manage fields

Configuring Event Details

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We were able
to create the
full test for
configuring an
event!



The screenshot shows a web browser window with the address bar displaying "eventplatform-d10.dev.site". The browser's address bar includes search engines like Yahoo, Bing, Google, Wikipedia, Twitter, Yelp, and Calendar. The website's navigation bar features links for "Back to site", "Manage", "Shortcuts", and "admin". Below this, a secondary navigation bar contains tabs for "Content", "Structure", "Appearance", "Extend", "Configuration", "Event Details" (which is active), "People", "Reports", and "Help". The main content area is titled "eg 'Florida DrupalCamp'" and contains a form for configuring event details. The form is divided into sections: "Current" (with a "Name" field containing "Drupal Meetup Updated" and an "Operations" button), "Name" (with a text input field containing "Drupal Meetup"), "Location (Short)" (with a text input field containing "Virtual"), and "Dates" (with "Start date" and "End date" fields containing "11/03/2025" and "11/04/2025" respectively). A small note below the location field states: "A short representation of the event's location, e.g. Orlando, FL. For a virtual event use *online* or *virtual*".

Assigning rooms, tracks, slots

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**It will vary
based on the
site, and the
individual of
the user input**

The screenshot shows a web browser window with the address bar displaying 'eventplatform-d10.ddev.site'. The browser's address bar also shows several open tabs: Yahoo, Bing, Google, Wikipedia, Twitter, Yelp, and Calendar. The website's navigation bar includes a 'Back to site' button, a 'Manage' menu, 'Shortcuts', and a user profile 'admin'. Below the navigation bar is a secondary menu with options: Content, Structure, Appearance, Extend, Configuration, Event Details (which is highlighted), People, Reports, and Help. An 'Announcements' bell icon is also present. The main content area is titled 'Program' and features a 'Show row weights' toggle. It contains a list of four items, each with a divider icon, a text input field, and a 'Remove' button: 'Presentation', 'Drupal Summit', 'Short break', and 'Conclusion'. Below this list, there is a prompt 'Provide a short description of what will happen each day of the event' and an 'Add another item' button. At the bottom of the form are 'Save' and 'Clear values' buttons.

Publishing Event schedule

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Ensure that it
works, by
publishing
your event

The screenshot shows a web browser window with the URL `eventplatform-d10.ddev.site`. The page is the 'Event Details' view in the Drupal Event platform admin interface. The top navigation bar includes 'Back to site', 'Manage', 'Shortcuts', and the user 'admin'. The main navigation menu has tabs for 'Content', 'Structure', 'Appearance', 'Extend', 'Configuration', 'Event Details' (active), 'People', 'Reports', and 'Help'. The 'Event Details' form includes a 'Schedule Published' field with the date '11/06/2025'. Below this is a 'Description' field with a rich text editor toolbar (bold, italic, link, unlink, bulleted list, numbered list, quote, image, paragraph, source) and the text 'Welcome to the Virtual Drupal Meetup that will be held in November!'. The 'Text format' is set to 'Basic HTML'. The 'Current state' is 'Sessions Closed', and the 'Change to' dropdown is also set to 'Sessions Closed'. At the bottom of the form are 'Update event' and 'Cancel' buttons. A footer note states: 'Please indicate which event should be used for all new content such as time slots, sessions, and more.'

Refactoring the test

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- **Use Helper functions on existing methods,**
- **Make registration and site navigation generic to the user,**
- **Condense the code and split the existing test,**
- **Increase durability and success rate on your test,**
- **Target the locaters specific to your site!**

Here is a Demo:

For running a script on Event-type

How to reach me

<https://www.drupal.org/u/peterrubin>

Slack In Drupal: @Peter Rubin

Thank you very much