
collective.ifttt Documentation

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collective.ifttt is a Plone addon which enables any Plone site to play in the IFTTT (pronounced /ft/) ecosystem by allowing you to create IFTTT applets at ifttt.com.

Below are a few examples of using IFTTT with Plone sites.

- If a news item is published, then tweet about it or post it on Facebook.
- If an event is published, then add it to my calendar.
- If new users sign up for an event, then add them to a Slack channel.
- If content changes, then record who edited it in a Google spreadsheet.

This documentation will teach you how to use `collective.ifttt` to create IFTTT applets for Plone sites. We'll start with setting up a Plone RSS feed, which can be used on IFTTT without doing anything special. In the sections after that you will learn how to set up your IFTTT secret key and create IFTTT triggers, so you can create more customized applets.

1.1 What is IFTTT?

ifttt.com - If This Then That, also known as IFTTT (pronounced /ft/) - is a free web-based service to create chains of simple conditional statements, called applets. These applets can perform a configured action in response to a trigger. Triggers and actions are web services provided by platforms such as Facebook, Pinterest, Youtube, Spotify - and now, Plone sites.

Below are a few examples of IFTTT applets for better understanding:

- If a video is liked on Youtube, then save the video details in Evernote
- If a profile picture gets changed on Facebook, then update the same profile picture on Twitter
- If I'm tagged in a photo on Facebook, then save it to my phone gallery
- If I receive an email about a new Twitter follower in my Gmail inbox, then tweet the new follower a welcome message
- If NASA posts a new astronomy picture of the day, then add it to my screensaver gallery.
- Email me about Top Apps that have become FREE in the Apple App Store.
- Automatically unmute my Android phone when I get back home.
- Add a Spotify song from a liked YouTube Video.

`collective.ifttt` is an addon which enables any Plone site to play in the IFTTT ecosystem by allowing you to create IFTTT applets.

Below are a few examples of using IFTTT with Plone sites.

- If a news item is published, then tweet about it or post it on Facebook.
- If an event is published, then add it to my calendar.
- If new users sign up for an event, then add them to a Slack channel.
- If content changes, then record who edited it in a Google spreadsheet.

1.2 Introduction to IFTTT Applets

1.2.1 What is an Applet?

An Applet connects two or more apps or devices together. It enables you to do something that those apps or devices couldn't do on their own.

Applets are composed of triggers and actions. Triggers tell an Applet to start, and actions are the end result of an Applet run. To use an Applet, you'll need a [free IFTTT account](#). Then you need to connect your apps and devices to IFTTT.

Follow this [link](#) for easy creation of an IFTTT Applet.

1.3 Enabling RSS Feeds On Plone Sites

1.3.1 Introduction

Plone can generate RSS feeds from folderish content types like folders and collections. First you must enable syndication on your site so that RSS feeds will be generated. Then you can go to the collection or folder you want to use as a feed and adjust its syndication settings.

If you want to aggregate a particular set of content to an RSS feed, you can create a collection content item for that purpose. You can choose what *content types* to aggregate and filter by fields such as *labels*, *dates*, *location* or *language*. Collections are language aware so this works correctly on multilingual sites.

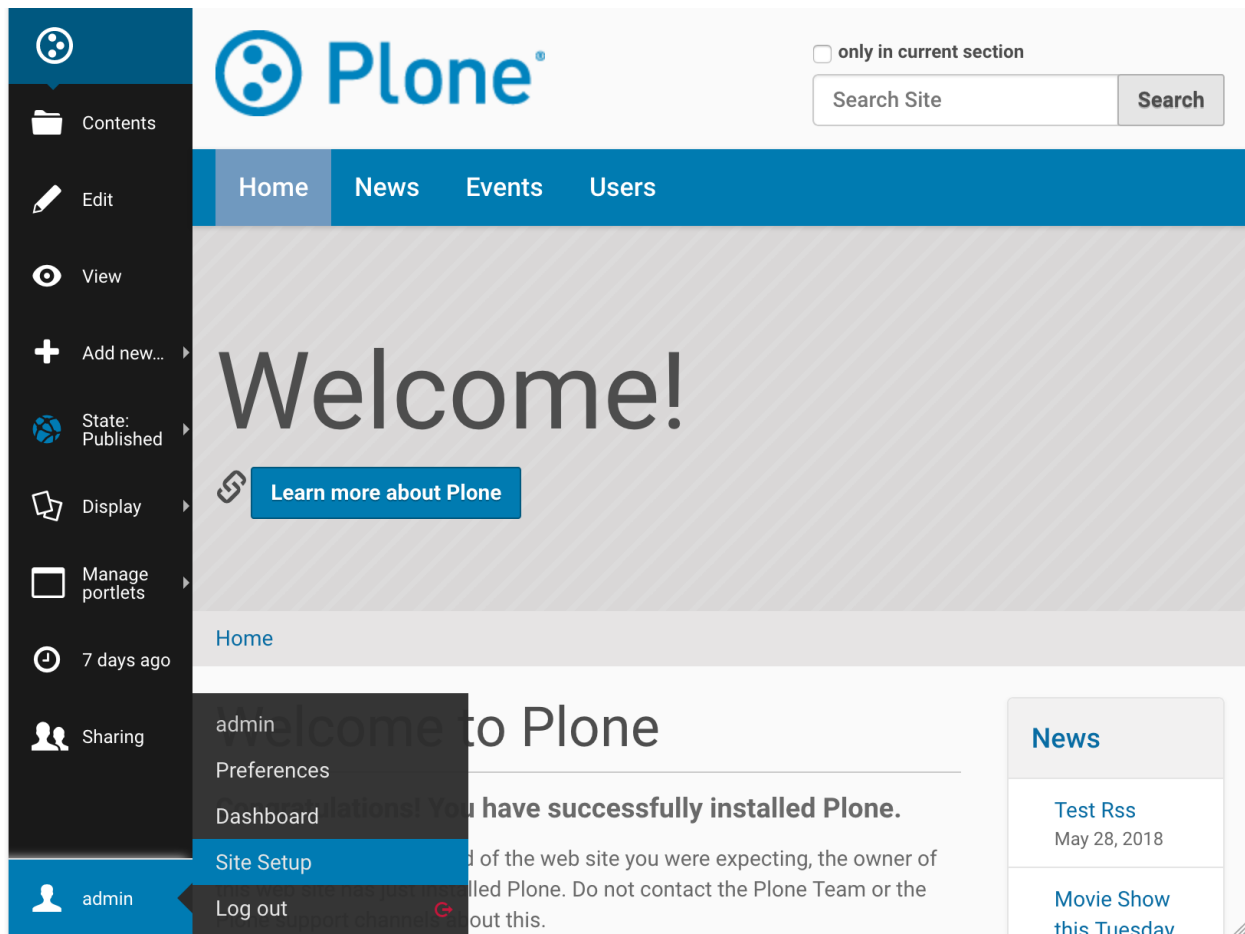
Once you have an RSS feed you can use it on IFTTT without doing anything special. (No secret key, no IFTTT trigger needed.)

Below are the steps to create an example RSS Feed on a Plone site. You can tweak the configuration to meet your requirements and make different kinds of RSS feeds given the flexibility of collections.

1.3.2 Enabling Syndication

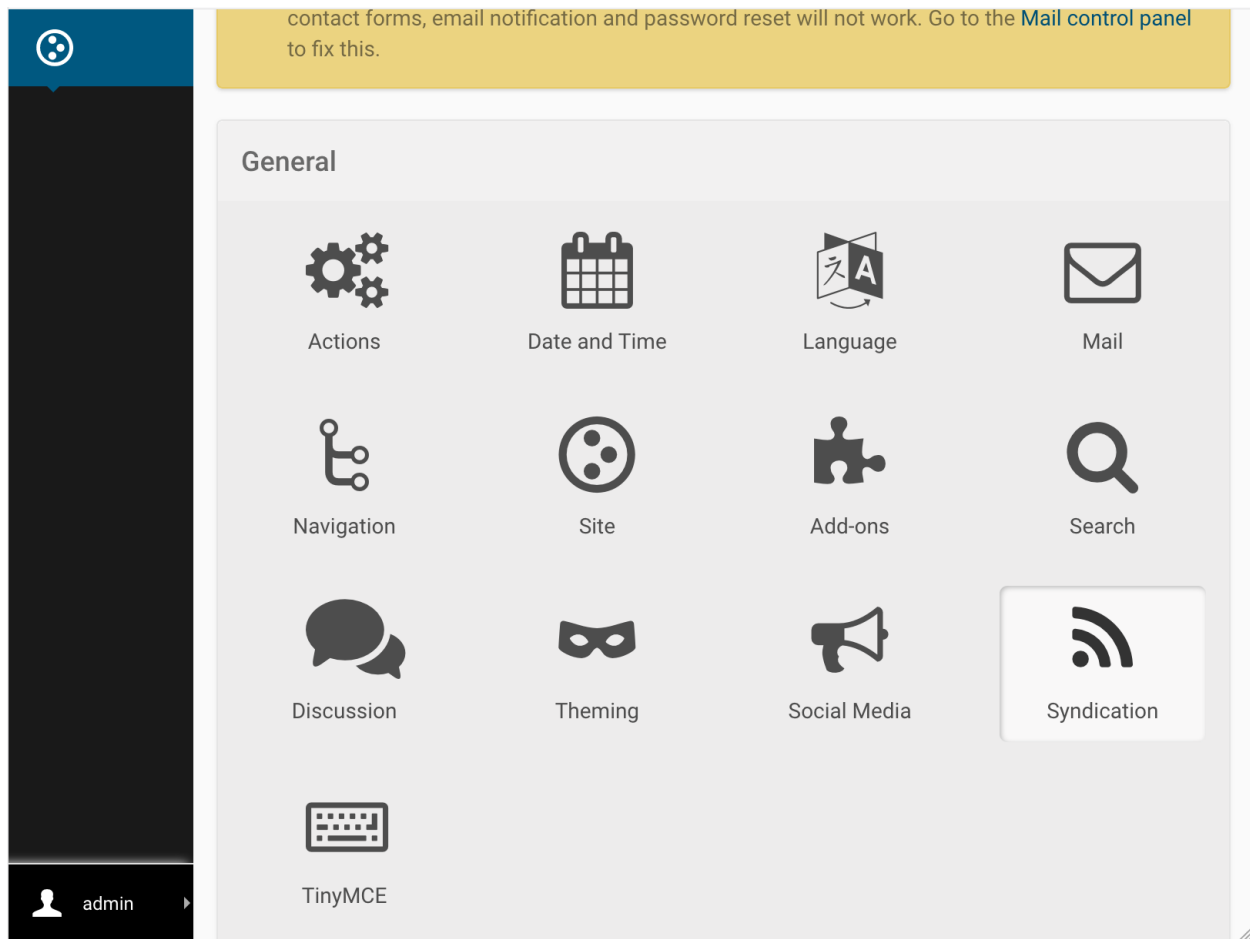
Step 1

Go to Site Setup.



Step 2

Select Syndication under General.



Step 3

Select the following and save:

1. *Allowed*
2. *Search RSS enabled* (if you want to be able to use search results as feeds)
3. *Show settings button* (this will enable the *Syndication* tab on the edit bar of folders and collections)
4. *Show feed link* (this allows you to show an RSS link on the folder or collection)
5. *Save*

You may optionally include author information and adjust the maximum number of feed items.

☒ **Allowed** ● Allow syndication for collections and folders on site.

☐ **Enabled by default** ● If syndication should be enabled by default for all folders and collections.

☒ **Search RSS enabled** ● Allows users to subscribe to feeds of search results

☐ **Show author info** ● Should feeds include author information

☐ **Render Body** ● If body text available for item, render it, otherwise use description.

Maximum items ● Maximum number of items that will be syndicated.

Allowed Feed Types ● Separate view name and title by '|'

```
RSS|RSS 1.0
rss.xml|RSS 2.0
atom.xml|Atom
itunes.xml|iTunes
```

Site RSS Paths to folders and collections to link to at the portal root.

☒ **Show settings button** ● Makes it possible to customize syndication settings for particular folders and collections

☒ **Show feed link** ● Enable RSS link document action on the syndication content item.

1.3.3 Creating a Collection to Use as an RSS Feed

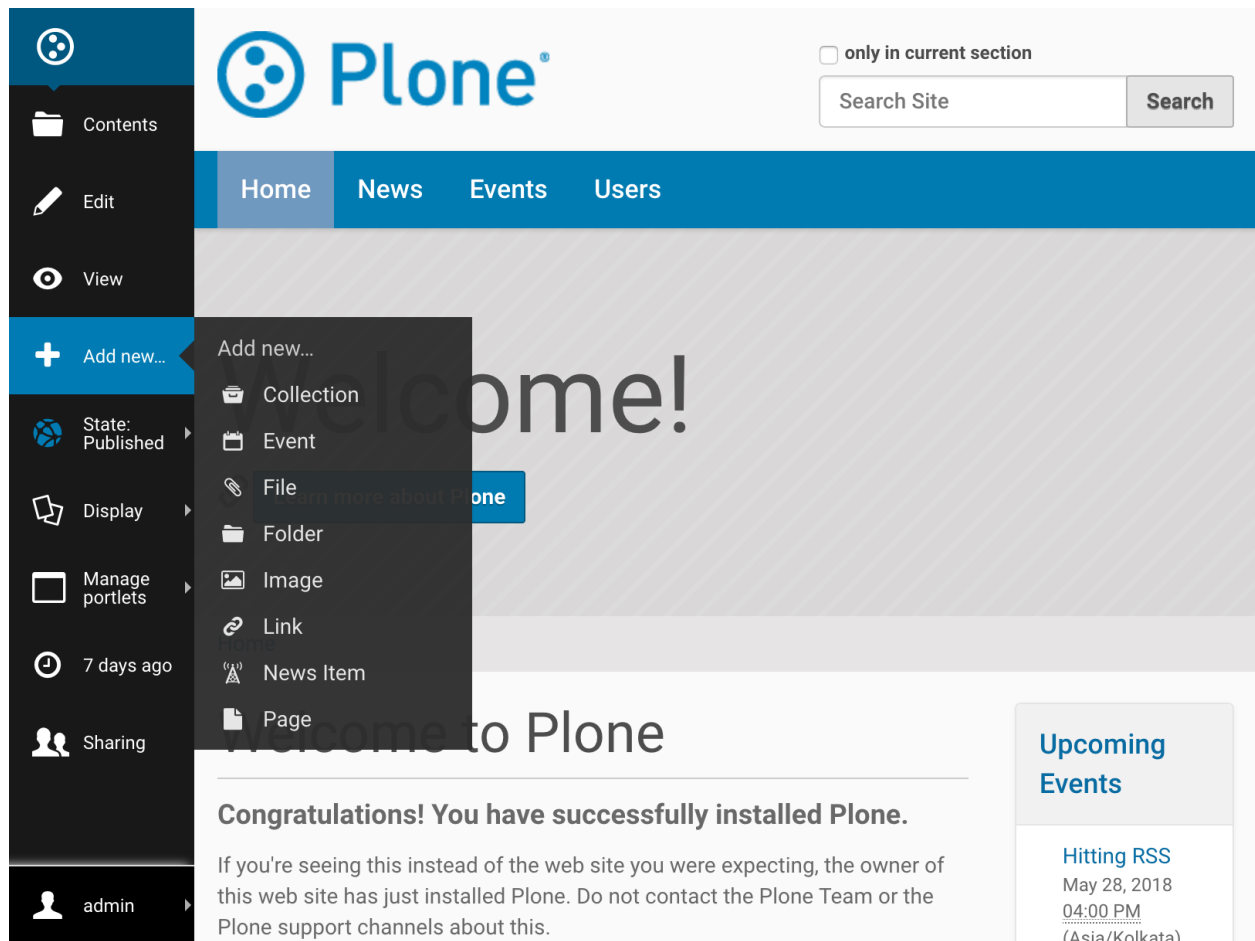
Step 1

Go to the site root. (This is a special type of object, so the Syndication tab will not show on the edit bar here, like it will on all other folders.)

The screenshot shows the Plone 5.0.13 installation welcome page. On the left is a dark sidebar with icons and labels for 'Contents', 'Edit', 'View', 'Add new...', 'State: Published', 'Display', 'Manage portlets', '7 days ago', 'Sharing', and 'admin'. The top header features the Plone logo, a search bar with the text 'Search Site' and a 'Search' button, and a checkbox labeled 'only in current section'. Below the header is a blue navigation bar with 'Home', 'News', 'Events', and 'Users'. The main content area has a large 'Welcome!' heading and a 'Learn more about Plone' button. Below this is a 'Home' link and a 'Welcome to Plone' heading. A message states: 'Congratulations! You have successfully installed Plone. If you're seeing this instead of the web site you were expecting, the owner of this web site has just installed Plone. Do not contact the Plone Team or the Plone support channels about this.' On the right, there is an 'Upcoming Events' section with a 'Hitting RSS' event scheduled for 'May 28, 2018 04:00 PM (Asia/Kolkata)'.

Step 2


Add a new collection.



Step 3

Configure your collection. The configuration explained below will aggregate all available published content. This can be tweaked to suit your own requirements.

1. Update `Title` to “Plone Site - RSS feed” or any other suitable name.
2. For `Select Criteria`, choose *Review State as Published*. (Otherwise unpublished items will show in your feed and people will get an error when they click on that URL.)
3. For `Sort On` choose *Effective date* and check `Reversed Order`.



Add Collection

Default

Settings

Categorization

Dates

Ownership

Title •

Plone Site - Rss Feed

Summary *Used in item listings and search results.*

Search terms *Define the search terms for the items you want to list by choosing what to match on. The list of results will be dynamically updated*

✕ Review state

Matches any of

✕ Published [published]

✕ Select criteria


News

Test Rss
May 28, 2018

Movie Show
this Tuesday
May 21, 2018

Starboy Vs
Khaleesi
May 21, 2018

[More news...](#)

 admin

Step 4

On the Settings tab check `Exclude from navigation` if you want to make it disappear from the navigation tree. Save your new collection.

Plone®

☐ only in current section

Search Site

Home News Events Users

Home

Add Collection

Default Settings Categorization Dates Ownership

Allow discussion Allow discussion for this content object.

No value ▼

Short name This name will be displayed in the URL.

☒ **Exclude from navigation** If selected, this item will not appear in the navigation tree

News

Test Rss
May 28, 2018

Movie Show this Tuesday
May 21, 2018

Starboy Vs Khaleesi
May 21, 2018

[More news...](#)

admin

Step 5

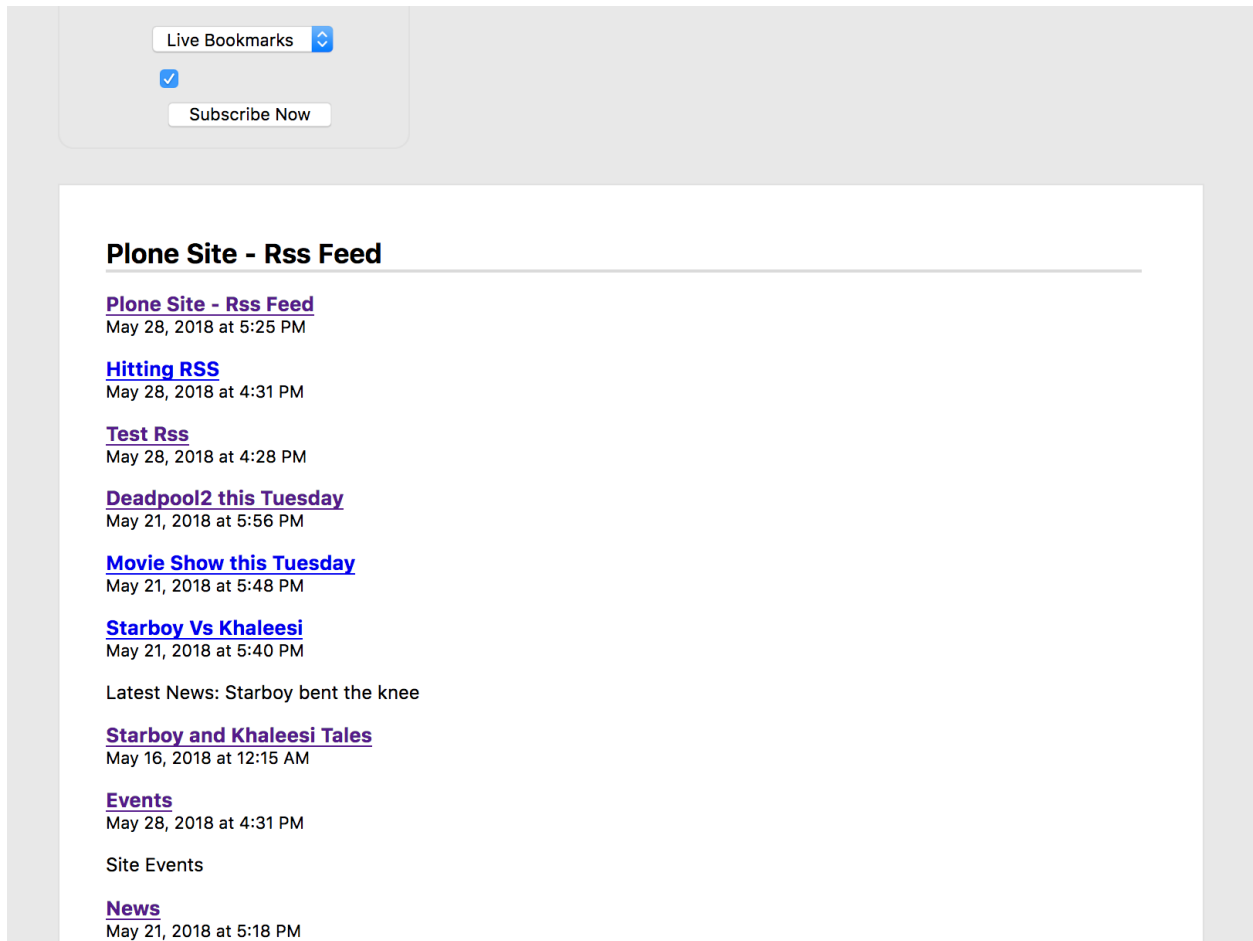
If the collection's content seems to be right, publish it using the `State` menu on the edit bar.

The screenshot shows the Plone website interface. At the top, there's a header with the Plone logo and a search bar. Below the header is a navigation bar with links for Home, News, Events, and Users. The main content area is titled 'Plone Site - RSS feed'. On the left, there's a sidebar with various icons and labels like 'Contents', 'Edit', 'View', 'State: Private', 'Actions', 'Display', 'Manage portlets', 'a few seconds ago', 'Sharing', and 'Syndication'. The 'State: Private' dropdown menu is open, showing options like 'Publish', 'Submit for publication', and 'Advanced...'. The main content area displays a list of news items, each with a title, a date, and a byline. The items are: 'Test Rss' (May 28, 2018), 'Deadpool2 this Tuesday' (May 20, 2018 to Aug 24, 2018), 'Movie Show this Tuesday' (May 21, 2018), and 'Starboy Vs Khaleesi' (May 21, 2018). A right sidebar shows a 'News' section with a list of recent news items and a 'More news...' link.

1.3.4 Viewing Your RSS Feed

Step 1

Your RSS feed can be viewed by appending `/RSS` to your collection's (or folder's) URL - something like `/path_to_collection/RSS`. (Note that this is case sensitive, `/rss` will not work.) For our example the URL to the RSS feed is `http://localhost:8080/Plone/plone-site-rss-feed/RSS`



Step 2

To show a link to the RSS feed on a collection or folder, enable it on the edit bar's Syndication tab as shown below. This is an optional step - many sites choose not to show these feed links because it might confuse their users.

Now your RSS feed is ready to be used in an IFTTT applet. You can test it by copy-pasting the RSS URL into an RSS Reader, like feeder.co or [Mozilla Reader](http://mozillareader.com).

1.4 Using Plone RSS Feeds in IFTTT Applets

To learn how to create an IFTTT applet using an RSS feed, follow the demonstration below.

This applet will add a new row on Google Spreadsheet each time an RSS Feed get publishes. However, one may teak this configuration based on user requirement.


- Signup at [free IFTTT account](#).
- Navigate to your Username in the upper right corner
- Select **New Applet** from the dropdown menu
- Click the blue 'this' text
- Search `rss` in search box. And select `RSS Feed`

IFTTT [Discover](#) [Search](#) [My Applets](#) [Activity](#) [agrawalshriyansh05](#)

[< Back](#)

Choose a service

Step 1 of 6



RSS Feed

[About](#) [Blog](#) [Help](#) [Jobs](#) [Terms](#) [Privacy](#) [Trust](#)

Build your own service and Applets

- Choose *New feed item*
- Fill RSS feed url in the given space. And click *Create Trigger*

IFTTT Discover Search My Applets Activity agrawalshriyansh05

< Back

Complete trigger fields

Step 2 of 6

New feed item

This Trigger fires every time a new item is added to the feed you specify.

Feed URL

`http://timesofindia.indiatimes.com/rssfeedstopstories.cms`

for feed URL requirements, visit the help page





Create trigger

About Blog Help Jobs Terms Privacy Trust

Build your own service and Applets

IFTTT Platform


- Click the blue 'that' text
- Choose *Google Sheets* as Action Service


IFTTT  Discover  Search  My Applets  Activity — agrawalshriyansh05 ▾


[< Back](#)


Choose action service


Step 3 of 6


 google



Google Drive



Google Glass



Google Photos


Google Docs


Google Sheets


Google Calendar


Google Wifi


Google Contacts

- Choose *Add row to spreadsheet*
- Configure the form based on required tweaks and hit *Create Action*

Add row to spreadsheet

This action will add a single row to the bottom of the first worksheet of a spreadsheet you specify. Note: a new spreadsheet is created after 2000 rows.

Spreadsheet name

New feed item

Will create a new spreadsheet if one with this title doesn't exist

Add ingredient

Formatted row

EntryPublished		EntryTitle	
EntryUrl		EntryContent	
FeedTitle		FeedUrl	

Use "|||" to separate cells

Add ingredient

Drive folder path

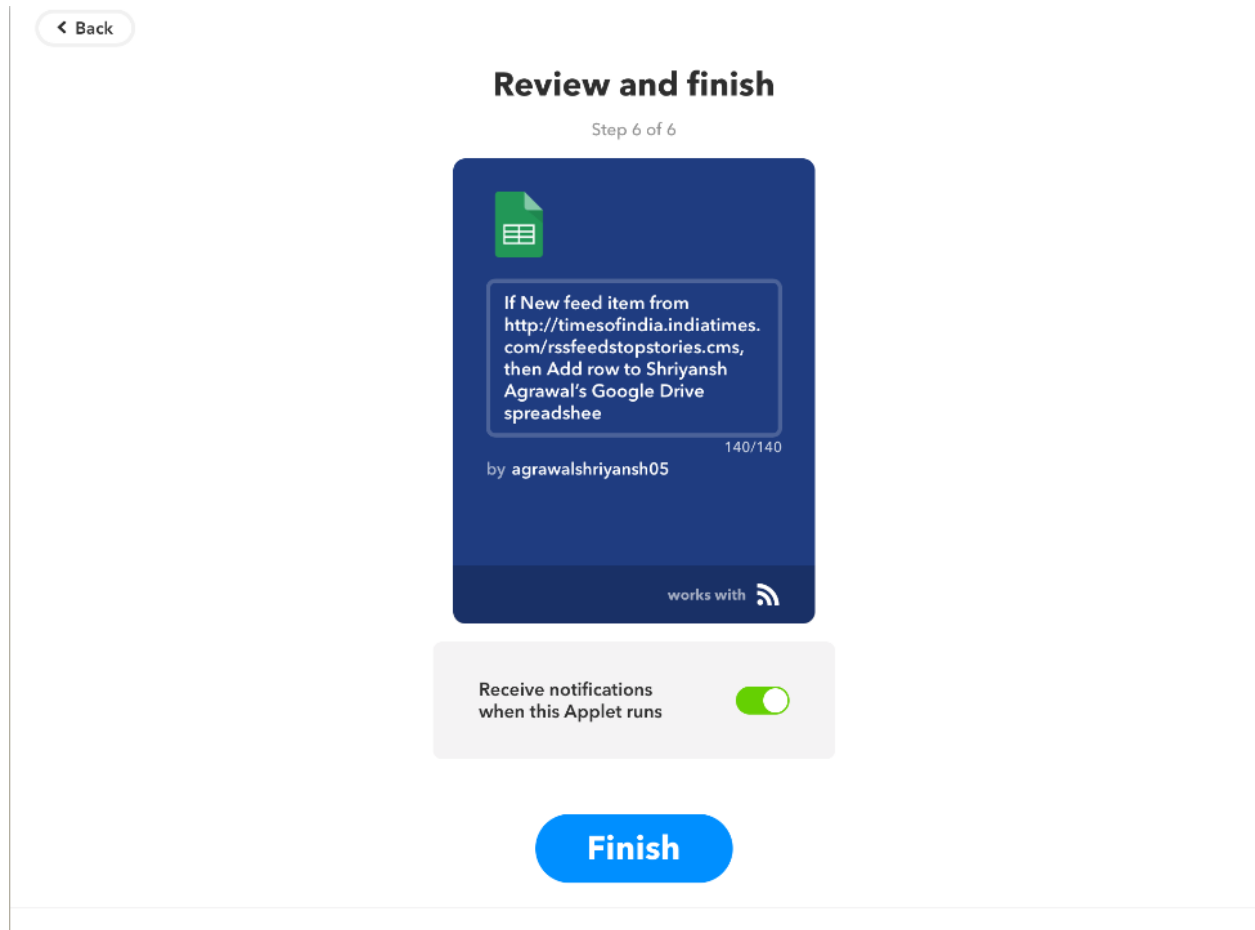
IFTTT/Feed/ FeedTitle

Format: some/folder/path
(defaults to "IFTTT")

Add ingredient

Create action

- Click *Finish*



Hurrah!! We successfully created our IFTTT Applet.

My Applets > Google Sheets



Now Every time an RSS get publishes, it will automatically be added as a new row to our Google Spreadsheet.

	A	B	C	D	E	F
1	June 15, 2018 at	Cops issue picture of suspect in Bukhari killi	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
2	June 15, 2018 at	Millionaires control half of world's personal w	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
3	June 15, 2018 at	India crush Afghanistan by an innings and 26	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
4	June 15, 2018 at	Waghmare killed Gauri Lankesh; outfit prese	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
5	June 15, 2018 at	US approves tariffs on \$50bn in Chinese goo	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
6	June 15, 2018 at	Sporting gesture: Twitter hails Indian cricket t	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
7	June 15, 2018 at	With no money, AI cabin crew to share rooms	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
8	June 15, 2018 at	Nobody can touch me till LS polls: HDK	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
9	June 15, 2018 at	FIFA WC: Gimenez late goal gives Uruguay	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
10	June 15, 2018 at	FIFA WC: Gimenez late goal gives Uruguay	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
11	June 15, 2018 at	Trafficking of Tollywood actresses in US: How	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
12	June 15, 2018 at	Live FIFA World Cup 2018: Morocco vs Iran	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
13	June 15, 2018 at	Bad loan write-offs by PSBs surge 140% in '1	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
14	June 15, 2018 at	Bukhari's killing: 4th suspect arrested by poli	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
15	June 15, 2018 at	US approves tariffs on \$50bn worth of Chine	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
16	June 15, 2018 at	FIFA WC: Bouhaddouz's own goal hands Iran	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
17	June 15, 2018 at	FIFA WC: Iran stun Morocco with own goal	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
18	June 15, 2018 at	Live FIFA World Cup 2018: Portugal 1-0 Spa	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
19	June 16, 2018 at	Ronaldo hat-trick earns Portugal draw with S	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
20	June 16, 2018 at	I killed Gauri Lankesh to save my religion'	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
21	June 16, 2018 at	Within 24 hrs, ultras strike again in Srinagar	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
22	June 16, 2018 at	India, Pakistan renew face-off over diplomats	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
23	June 16, 2018 at	30% Indian cos face closure for doing zero bi	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
24	June 16, 2018 at	US-China trade war: Trump slaps tariffs on in	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
25	June 16, 2018 at	Exclusive: Maradona wants Messi to win Wor	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
26	June 16, 2018 at	You can now check in only 1 bag up to 15kg	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	
27	June 16, 2018 at	Two top Tollywood heroines trapped in US se	https://timesofindia.indiatimes.com	Times of India	https://timesofindia.indiatimes.com	

1.5 Configuring a Plone Site with an IFTTT Secret Key

IFTTT supports push notification, which can be leveraged to get instant notifications from a Plone site. To do that you need to configure the Plone site with your IFTTT secret key.

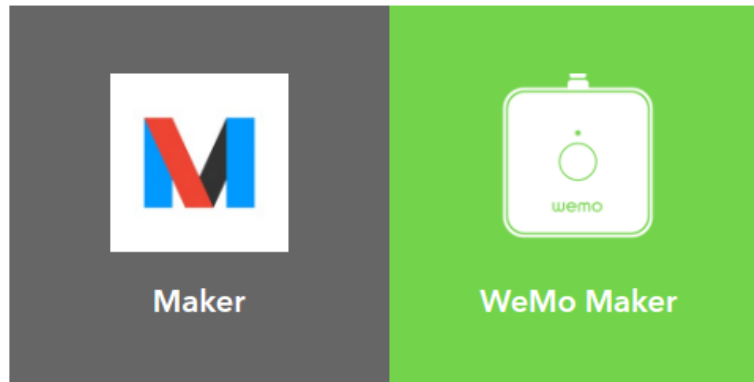
Follow the steps below to get your IFTTT secret key and save it in your Plone site.

1.5.1 Obtaining an IFTTT Secret Key

1. Go to ifttt.com and sign up for an account.
2. At the top click on 'Search' and find 'Maker'. (Update: this is now named 'Webhook'.)

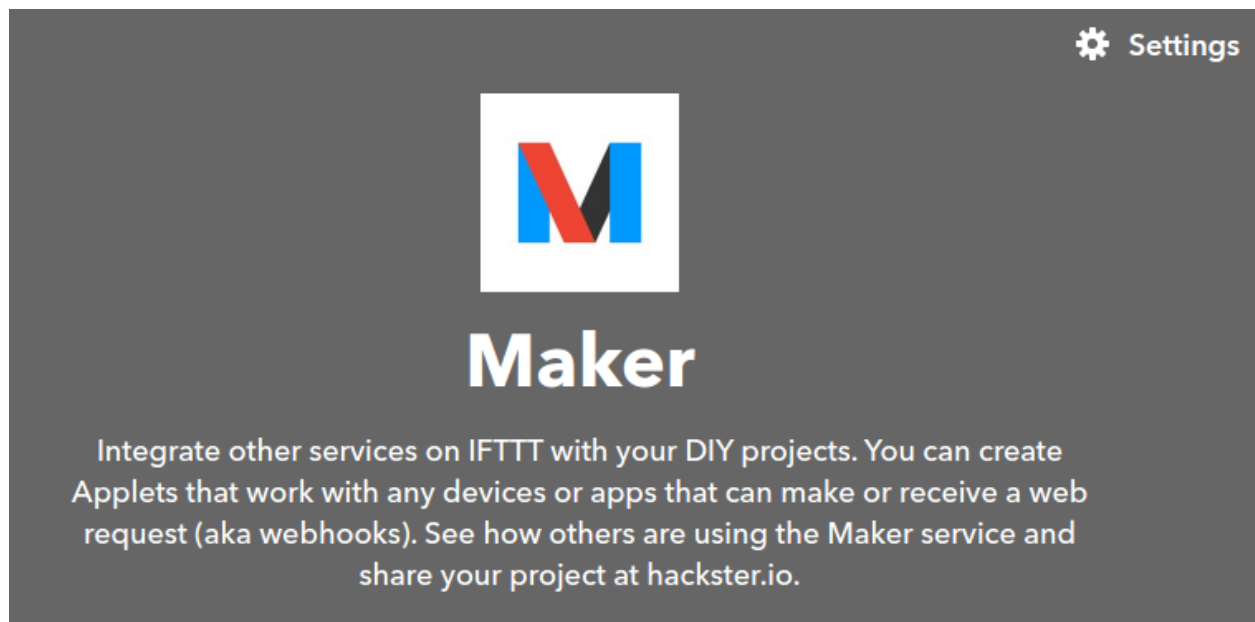
Q maker

Services



Applets

3. Click the 'Connect' button to create a Maker (Webhook) channel.



4. Click on the gear icon (Settings) on the top-right of the Maker (Webhook) channel to view your key.

Account Info

Connected as: [REDACTED]

URL: <https://maker.ifttt.com/use/bWs5lMeYu4KFBakuDxGKzW>

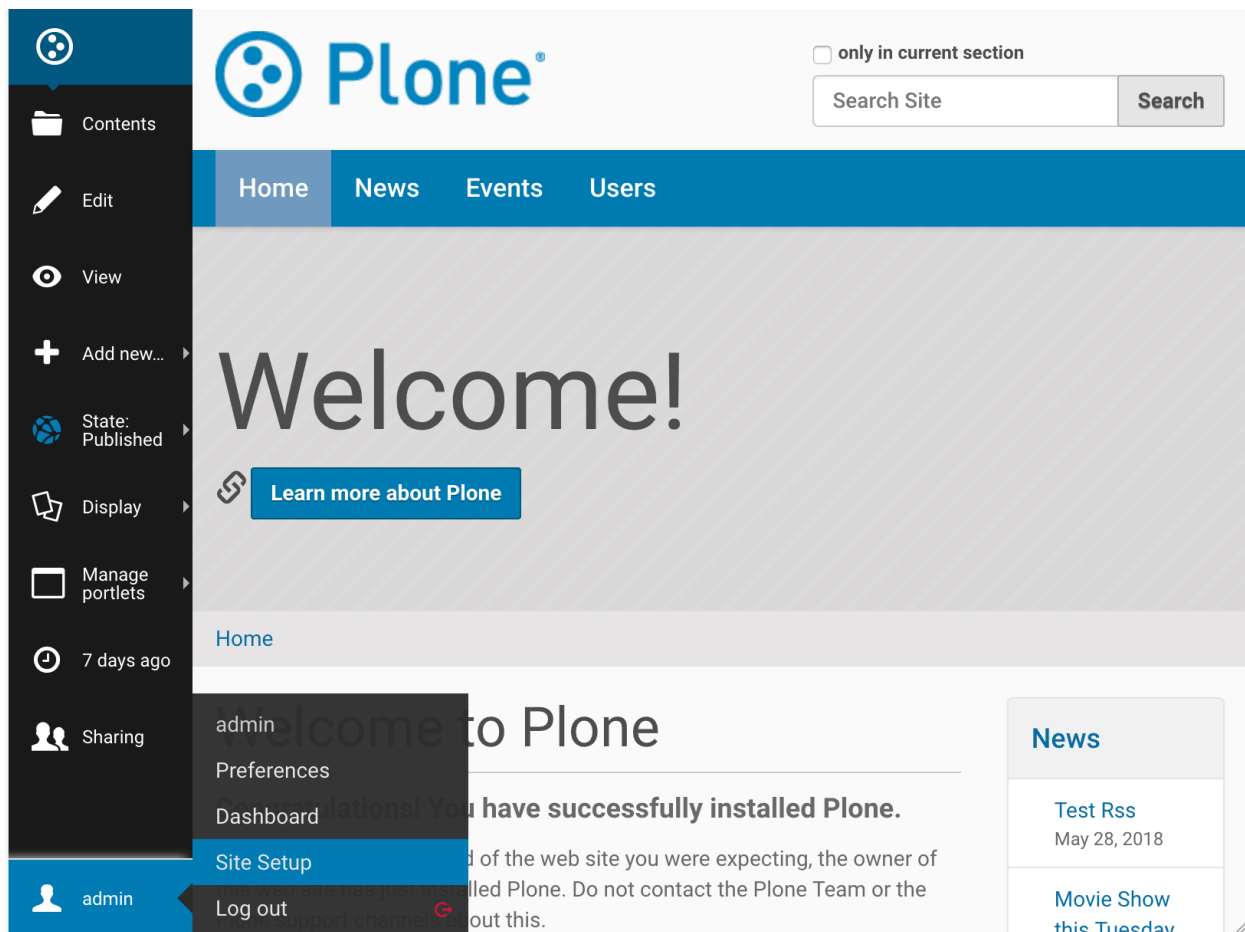
Status: **active**

This is your key

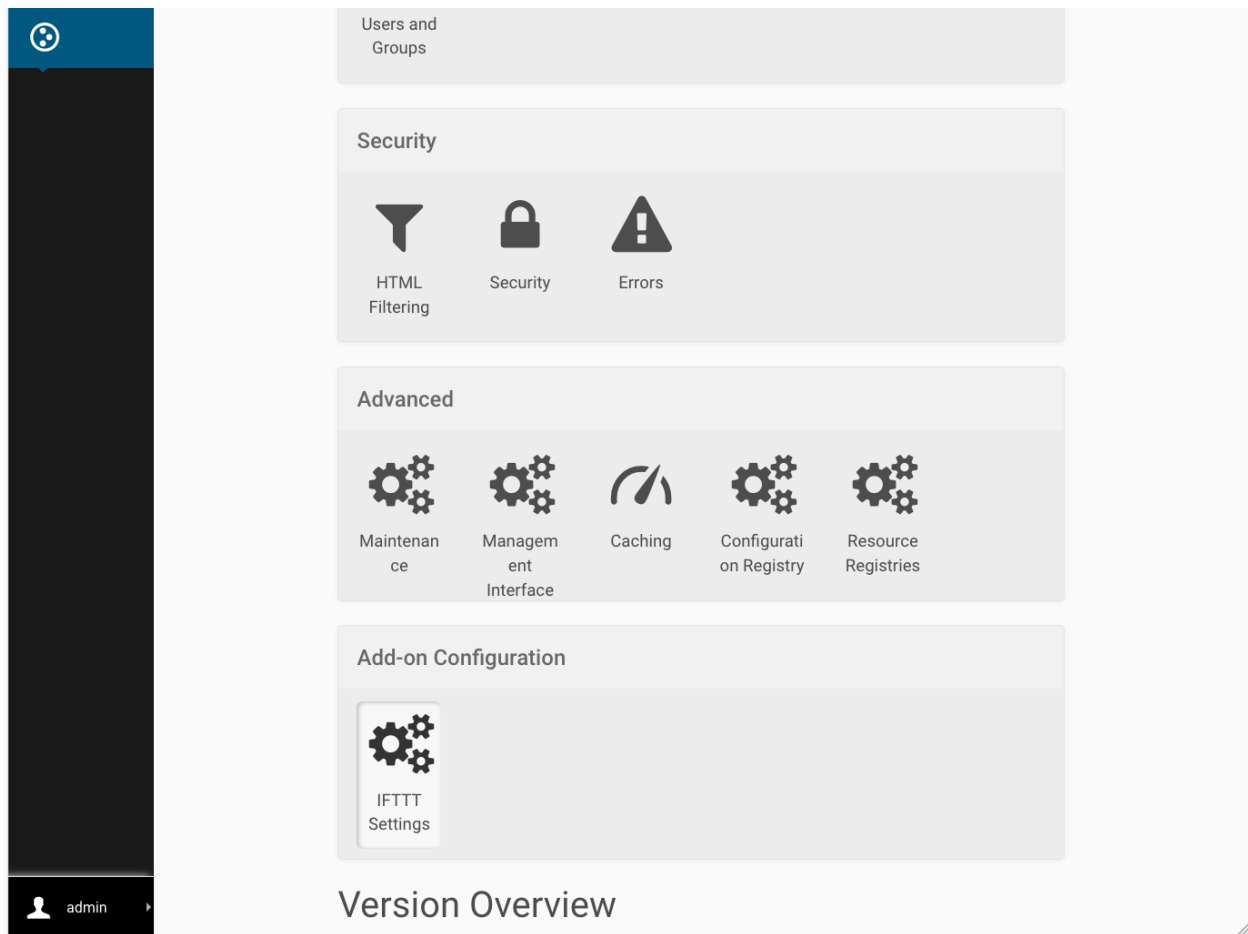
[Edit connection](#)

1.5.2 Saving an IFTTT Secret Key in Plone

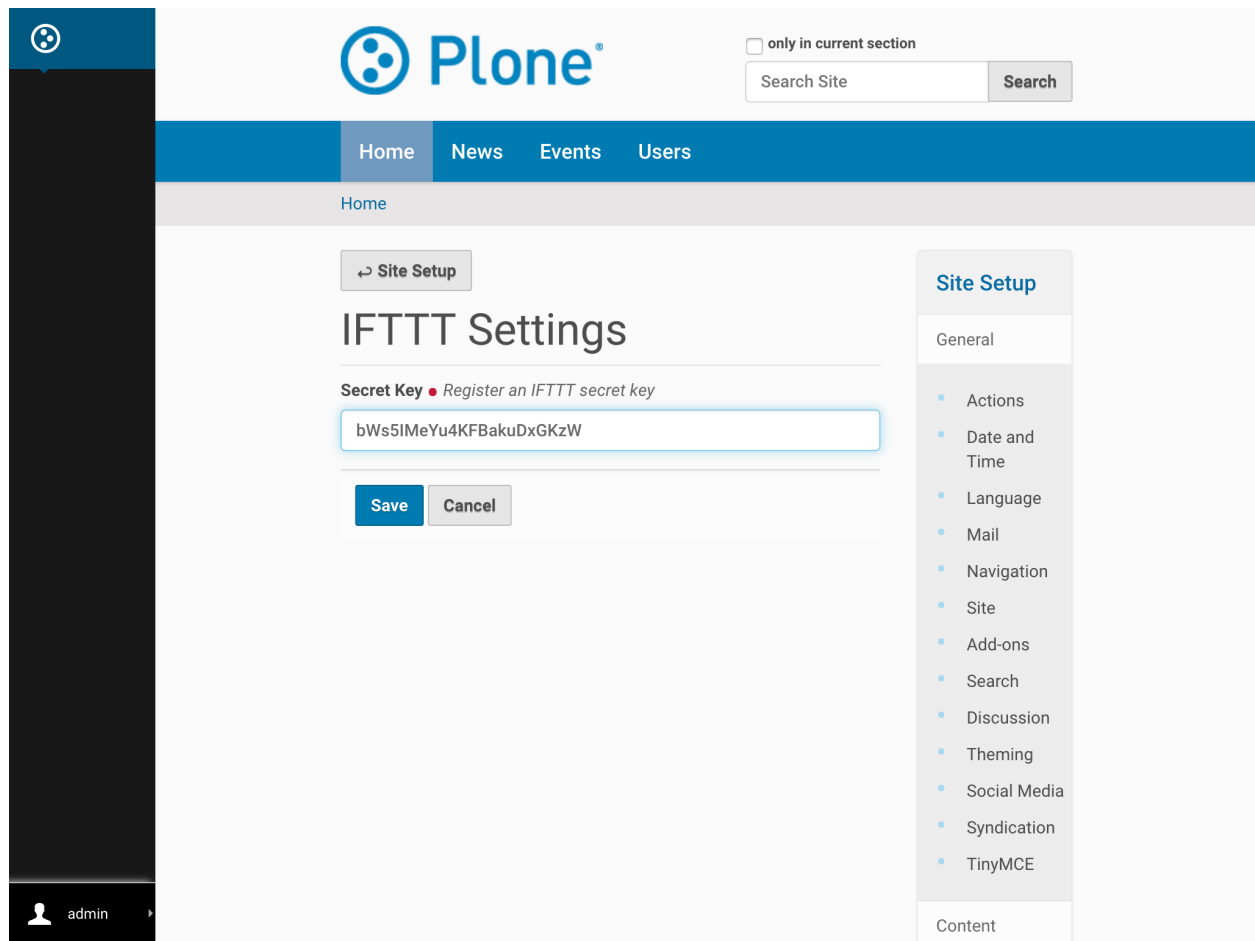
1. Go to Site Setup



2. Select IFTTT Settings under Add-on Configuration



3. Copy your key to the Secret Key field and click Save.



1.6 Content Trigger

This document will guide admins to add an IFTTT “Content Trigger” to any folder on their site that will send a trigger to IFTTT when content at or below the current path is published. This will allow them to create IFTTT applets to, for example, email, tweet, or Facebook post about the content.

Pre-requisite: IFTTT secret key should be configured as discribed at [Configuring a Plone Site with an IFTTT Secret Key](#).

Follow the steps given below to Add an IFTTT Content Trigger onto any folder.

1. Traverse to folder on which you desire to apply IFTTT content trigger.
2. From IFTTT menu select Add Ifttt Content Trigger

The screenshot displays the Plone 5.2 administration interface. On the left is a dark sidebar with navigation icons and labels: Contents, Edit, View, Add new..., State: Published, Actions, IFTTT (highlighted), Display, Manage portlets, an hour ago, Sharing, and a user profile for 'admin'. The main content area has a light blue header with the Plone logo and a search bar. Below the header is a blue navigation bar with links for Home, News (selected), Events, and Users. A breadcrumb trail shows 'Home > News'. The 'News' section title is followed by 'Site News' and a message 'No results were found.' A dark grey overlay menu is open for the 'IFTTT' option, listing: 'Add IFTTT Content Trigger' (with a link to 'Plone® Open Source CMS/WCM is © 2000-2018 by the Plone Foundation and friends. Distributed under the GNU GPL license.'), 'Add IFTTT User Trigger', 'Add IFTTT Event Trigger', and 'Manage IFTTT Triggers'. At the bottom of this menu are links for 'Site Map', 'Accessibility', 'Contact', and 'Powered by Plone & Python'.

3. Fill the given form with required values and click Add

The screenshot shows the Plone web interface for adding a new content trigger. The header includes the Plone logo, a search bar, and navigation tabs for Home, News, Events, and Users. The 'News' tab is active, and the breadcrumb trail shows 'Home > News'. The main heading is 'Add new Content Trigger'. Below this, a description states: 'This will send a trigger to IFTTT when content at or below the current path is published, including the description of content'. The 'IFTTT event name' field is labeled with a red dot and the instruction 'Give the name of IFTTT event which you want to trigger'. The field contains the text 'applet_name'. The 'Content Types' section is labeled 'Select certain content types which should be restricted to this event'. It features a list of content types on the left: Comment, Event, Folder, Image, Link, and Page. On the right, a box contains 'File' and 'News Item'. Arrows indicate the movement of items between the lists. The 'Workflow Transitions' section is labeled 'Select certain workflow transitions which should be restricted to this event'. It features a list of transitions on the left: Make private [hide], Publish externally [publish_externally], Publish internally [publish_internally], Send back [reject], and Retract [retract]. On the right, a box contains 'Approve // Publish [publish]'. Arrows indicate the movement of items between the lists. At the bottom, there are 'Add' and 'Cancel' buttons. The user 'admin' is logged in, as indicated by the profile icon and name in the bottom left corner.

Plone

only in current section

Search Site Search

Home News Events Users

Home > News

Add new Content Trigger

This will send a trigger to IFTTT when content at or below the current path is published, including the description of content

IFTTT event name • Give the name of IFTTT event which you want to trigger

applet_name

Content Types Select certain content types which should be restricted to this event

Comment
Event
Folder
Image
Link
Page

→

←

File
News Item

↑
↓

Workflow Transitions Select certain workflow transitions which should be restricted to this event

Make private [hide]
Publish externally [publish_externally]
Publish internally [publish_internally]
Send back [reject]
Retract [retract]

→

←

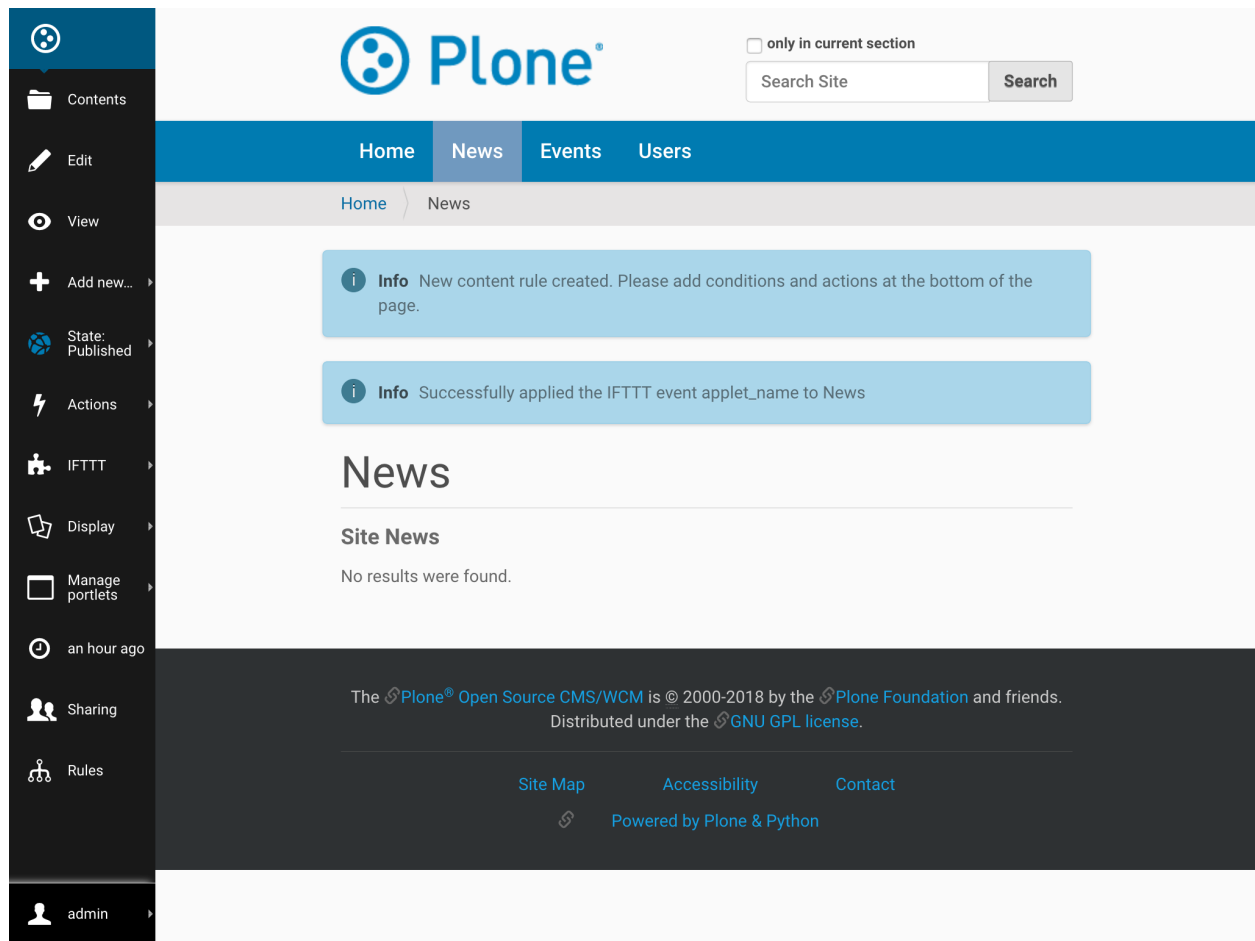
Approve // Publish [publish]

↑
↓

Add Cancel

admin

4. Tada, trigger has been applied on your folder!!



1.6.1 Behind the Scenes

This section details all jobs performed behind the scenes after form gets filled.

1. A new Content Rule is dynamically created and assigned with requested conditions and IFTTT event name for this folder and it's sub-folder.

To know more about content rules, follow this [link](#).

2. Rules menu on left bar will show you all content rules applied on this folder.

Plone

only in current section

Search Site Search

Home News Events Users

Home News

Content rules for “News”

The following content rules are active in this Folder.

Use the [content rules control panel](#) to create new rules or delete or modify existing ones.

Active content rules in this Folder	Applies to subfolders?	Enabled here?	Enabled?
<input type="checkbox"/> News_Trigger_applet_name (Workflow state changed) This rule is created to trigger applet_name on News folder	✓	✓	✓

[Enable](#)
[Disable](#)
[Apply to subfolders](#)
[Disable apply to subfolders](#)
[Unassign](#)

The Plone® Open Source CMS/WCM is © 2000-2018 by the Plone Foundation and friends.
Distributed under the GNU GPL license.

Content Rule Conditions

1. Default Trigger condition for this content rule is: `Workflow state changed`
2. Default condition for this content rule is: `Workflow State as published`

Data sent to IFTTT applet

In the data sent to IFTTT, following values will be dynamically included (for which content on the site this content rule triggers):

- Title
- Absolute_url
- Description

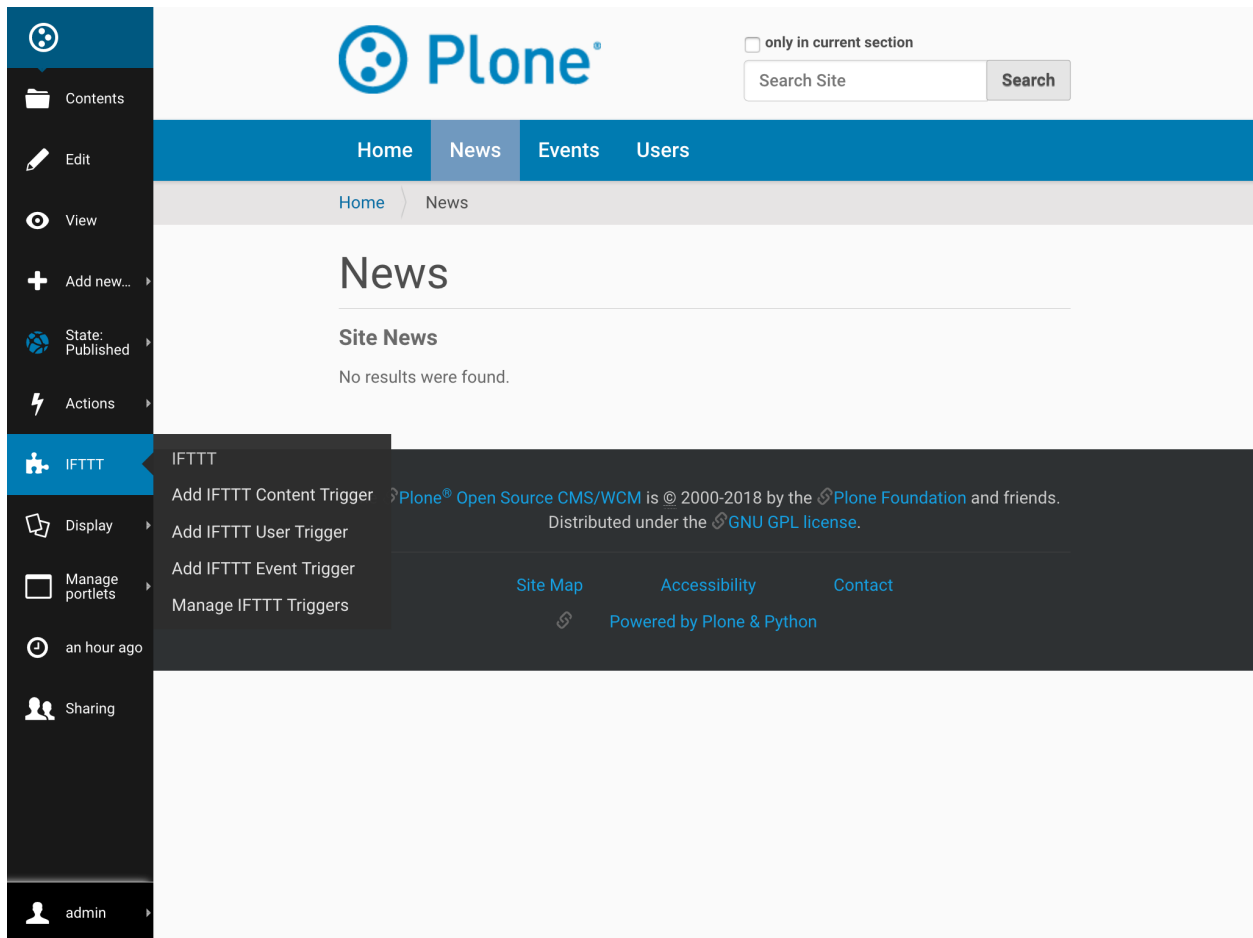
1.7 Content and User Trigger

This document will guide admins to add an IFTTT “Content and User Trigger” to any folder on their site that will send a trigger to IFTTT when content at or below the current path is edited, including the information of who changed it. This will allow them to create IFTTT applets to, for example, log the edit information to Slack or a Google spreadsheet.

Pre-requisite: IFTTT secret key should be configured as discribed at *Configuring a Plone Site with an IFTTT Secret Key*.

Follow the steps given below to Add an IFTTT Content Trigger onto any folder.

1. Traverse to folder on which you desire to apply IFTTT content trigger.
2. From IFTTT menu select Add Ifttt User Trigger



3. Fill the given form with required values and click Add

The screenshot shows the Plone CMS interface for adding a new content and user trigger. The top navigation bar includes 'Home', 'News', 'Events', and 'Users'. The 'News' section is active, and the breadcrumb trail shows 'Home > News'. The main heading is 'Add new Content and User Trigger'. Below this, a text box explains that the trigger will send an IFTTT event when content is edited. The 'IFTTT event name' field is set to 'IFTTT_applet'. The 'Content Types' section allows selecting content types for restriction, with 'News Item', 'File', and 'Folder' currently selected. The 'Add' button is visible at the bottom of the form. The footer includes the Plone Foundation copyright notice and links for 'Site Map', 'Accessibility', and 'Contact'.

Plone

☐ only in current section

Search Site Search

Home News Events Users

Home > News

Add new Content and User Trigger

This will send a trigger to IFTTT when content at or below the current path is edited, including the information of who changed it.

IFTTT event name • Give the name of IFTTT event which you want to trigger

IFTTT_applet

Content Types Select certain content types which should be restricted to this event

Collection
Comment
Event
Image
Link

→

←

News Item
File
Folder

↑

↓

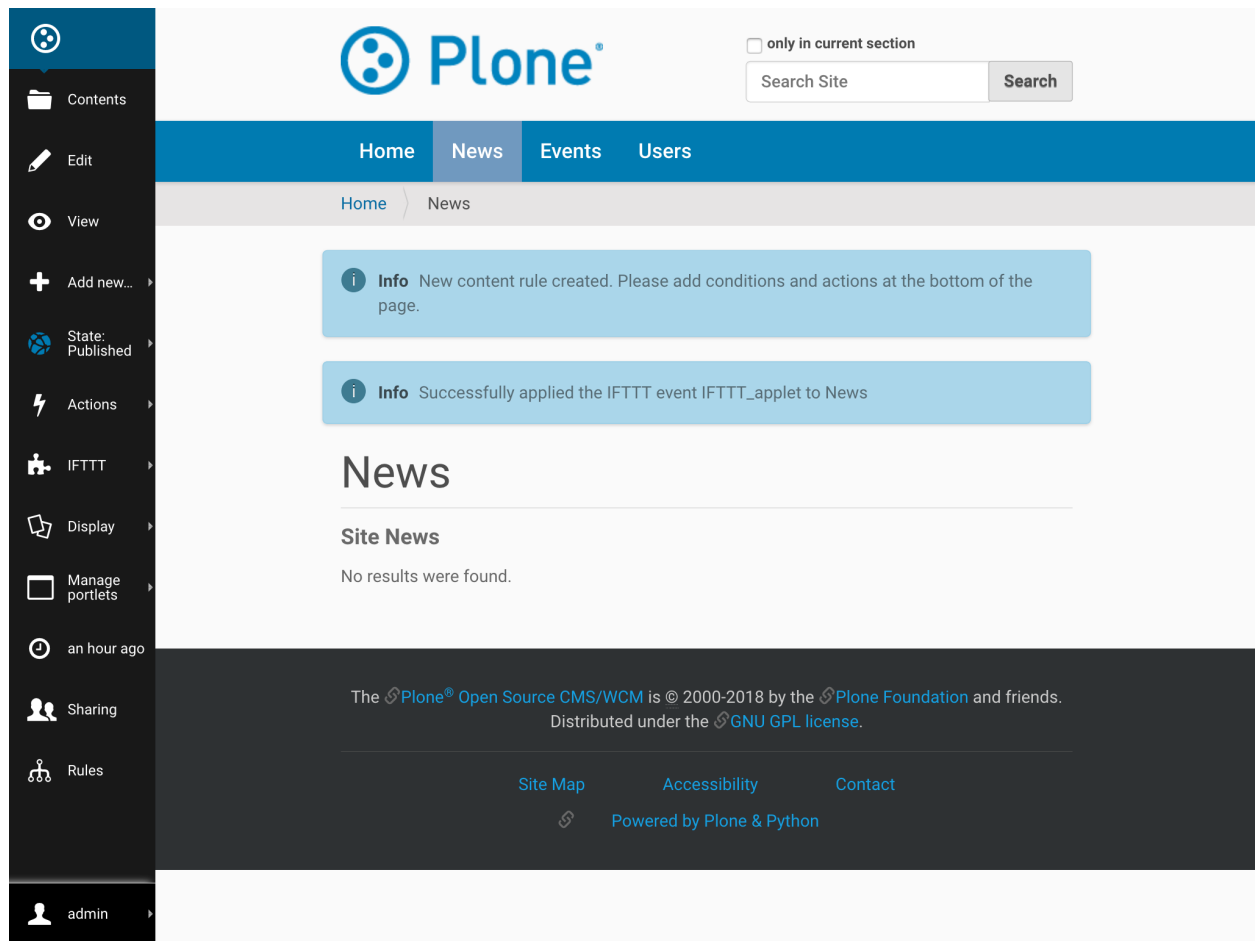
Add Cancel

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admin

Site Map Accessibility Contact

4. Tada, trigger has been applied on your folder!!



1.7.1 Behind the Scenes

This section details all jobs performed behind the scenes after form gets filled.

1. A new Content Rule is dynamically created and assigned with requested conditions and IFTTT event name for this folder and it's sub-folder.

To know more about content rules, follow this [link](#).

2. Rules menu on left bar will show you all content rules applied on this folder.

Plone

only in current section

Search Site Search

Home News Events Users

Home News

Content rules for “News”

The following content rules are active in this Folder.

Use the [content rules control panel](#) to create new rules or delete or modify existing ones.

Active content rules in this Folder	Applies to subfolders?	Enabled here?	Enabled?
<input type="checkbox"/> News_Trigger_IFTTT_applet (Object modified) This rule is created to trigger IFTTT_applet on News folder	✓	✓	✓

[Enable](#)
[Disable](#)
[Apply to subfolders](#)
[Disable apply to subfolders](#)
[Unassign](#)

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Content Rule Conditions

Default Trigger condition for this content rule is: Object Modified

Data sent to IFTTT applet

In the data sent to IFTTT, following values will be dynamically included (for which content on the site this content rule triggers):

- Title
- Absolute_url
- Username who modified the content

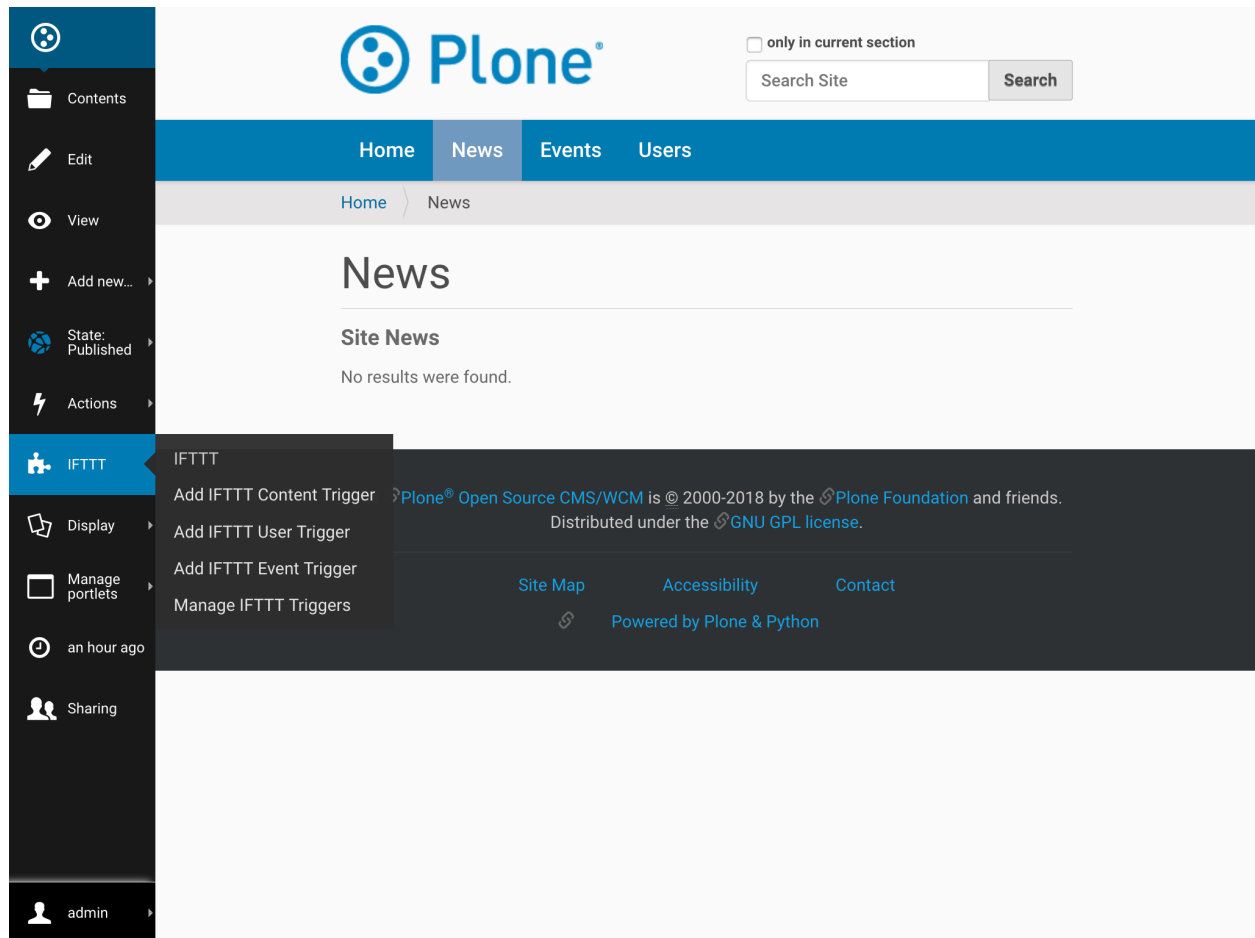
1.8 Event Trigger

This document will guide admins to add an IFTTT “Event Trigger” to any folder on their site that will send a trigger to IFTTT when an event at or below the current path is published. This will allow them to create IFTTT applets to, for example, add new events to my calendar.

Pre-requisite: IFTTT secret key should be configured as described at [Configuring a Plone Site with an IFTTT Secret Key](#).

Follow the steps given below to Add an IFTTT Content Trigger onto any folder.

1. Traverse to folder on which you desire to apply IFTTT content trigger.
2. From IFTTT menu select Add Ifttt Event Trigger



3. Fill the given form with required values and click Add

The screenshot shows the Plone web interface. At the top, there's a navigation bar with 'Home', 'News', 'Events', and 'Users'. Below it, a breadcrumb trail shows 'Home' > 'News'. The main heading is 'Add new Event trigger'. A subtext explains: 'This will send a trigger to IFTTT when an event at or below the current path is published, including the datetime of event'. A form field for 'IFTTT event name' is present, with a hint 'Give the name of IFTTT event which you want to trigger'. Below this, a 'Workflow Transitions' section allows selecting transitions for the event. A list of transitions includes 'Publish externally [publish_externally]', 'Publish internally [publish_internally]', 'Send back [reject]', 'Retract [retract]', 'Promote to Draft [show]', and 'Show internally [show_internally]'. A 'Submit for publication [submit]' button is also visible. At the bottom of the form are 'Add' and 'Cancel' buttons. The footer contains copyright information for Plone Open Source CMS/WCM and the GNU GPL license. The user 'admin' is logged in.

Plone

only in current section

Search Site Search

Home News Events Users

Home > News

Add new Event trigger

This will send a trigger to IFTTT when an event at or below the current path is published, including the datetime of event

IFTTT event name • Give the name of IFTTT event which you want to trigger

IFTTT_event_name

Workflow Transitions Select certain workflow transitions which should be restricted to this event

Publish externally [publish_externally]
Publish internally [publish_internally]
Send back [reject]
Retract [retract]
Promote to Draft [show]
Show internally [show_internally]

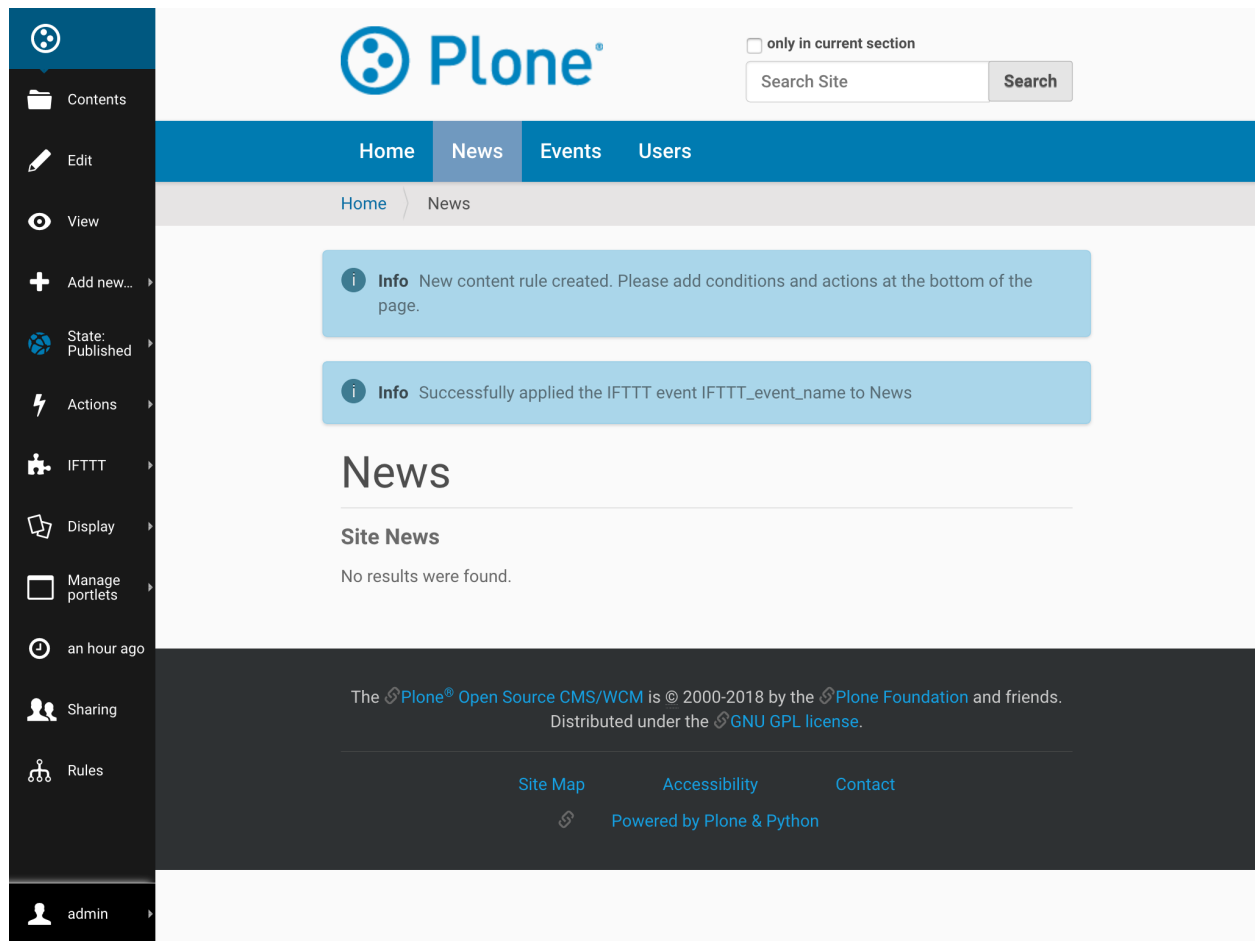
Submit for publication [submit]

Add Cancel

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admin

4. Tada, trigger has been applied on your folder!!



1.8.1 Behind the Scenes

This section details all jobs performed behind the scenes after form gets filled.

1. A new Content Rule is dynamically created and assigned with requested conditions and IFTTT event name for this folder and it's sub-folder.

To know more about content rules, follow this [link](#).

2. Rules menu on left bar will show you all content rules applied on this folder.

Plone

only in current section

Search Site Search

Home News Events Users

Home News

Content rules for “News”

The following content rules are active in this Folder.

Use the [content rules control panel](#) to create new rules or delete or modify existing ones.

Active content rules in this Folder	Applies to subfolders?	Enabled here?	Enabled?
<input type="checkbox"/> News_Trigger_IFTTT_event_name (Workflow state changed) This rule is created to trigger IFTTT_event_name on News folder	✓	✓	✓

[Enable](#)
[Disable](#)
[Apply to subfolders](#)
[Disable apply to subfolders](#)
[Unassign](#)

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admin

Content Rule Conditions

1. Default Trigger condition for this content rule is: `Workflow state changed`
2. Default condition for this content rule is: `Workflow State as published`
3. Default condition for this content rule is: `Content types as Event`

Data sent to IFTTT applet

In the data sent to IFTTT, following values will be dynamically included (for which content on the site this content rule triggers):

- Title
- Absolute_url
- Event start date/time

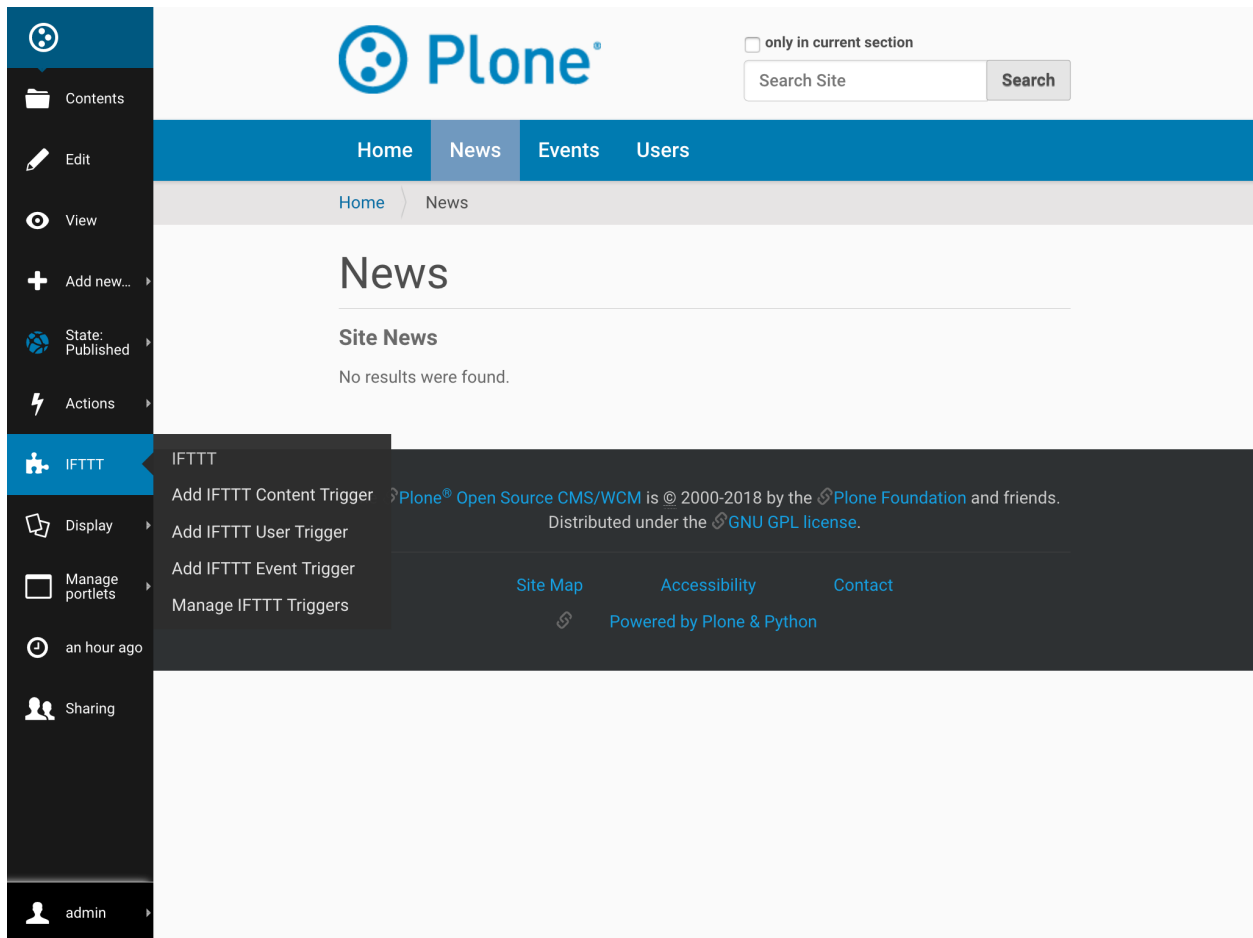
1.9 Manage Trigger

This document will guide admins to see the IFTTT triggers that are set on a folder and delete one or more of them.

Pre-requisite: IFTTT secret key should be configured as discribed at *Configuring a Plone Site with an IFTTT Secret Key*.

Follow the steps given below to Add an IFTTT Content Trigger onto any folder.

1. Traverse to folder on which you desire to apply IFTTT content trigger.
2. From IFTTT menu select Manage IFTTT Triggers



3. Select the required IFTTT Triggers and click Delete

The screenshot shows the Plone web interface. At the top, there's a navigation bar with 'Home', 'News', 'Events', and 'Users'. Below it, a breadcrumb trail shows 'Home' > 'News'. The main heading is 'Manage IFTTT Triggers'. A sub-header states 'IFTTT triggers that are set on folder'. Below this, a section titled 'IFTTT Triggers' with the instruction 'Select certain IFTTT Triggers to delete' contains two input fields: 'News_Trigger_trigger' and 'News_Trigger_IFTTT_event_name'. Between these fields are arrows for moving items, and to the right of the second field are up/down arrows. Below the fields are 'Delete' and 'Cancel' buttons. The footer includes copyright information for Plone Foundation (2000-2018) and mentions it's powered by Plone & Python. The user 'admin' is logged in.

Plone

only in current section

Search Site Search

Home News Events Users

Home > News

Manage IFTTT Triggers

IFTTT triggers that are set on folder

IFTTT Triggers Select certain IFTTT Triggers to delete

News_Trigger_trigger → News_Trigger_IFTTT_event_name ↑

← ↓

Delete Cancel

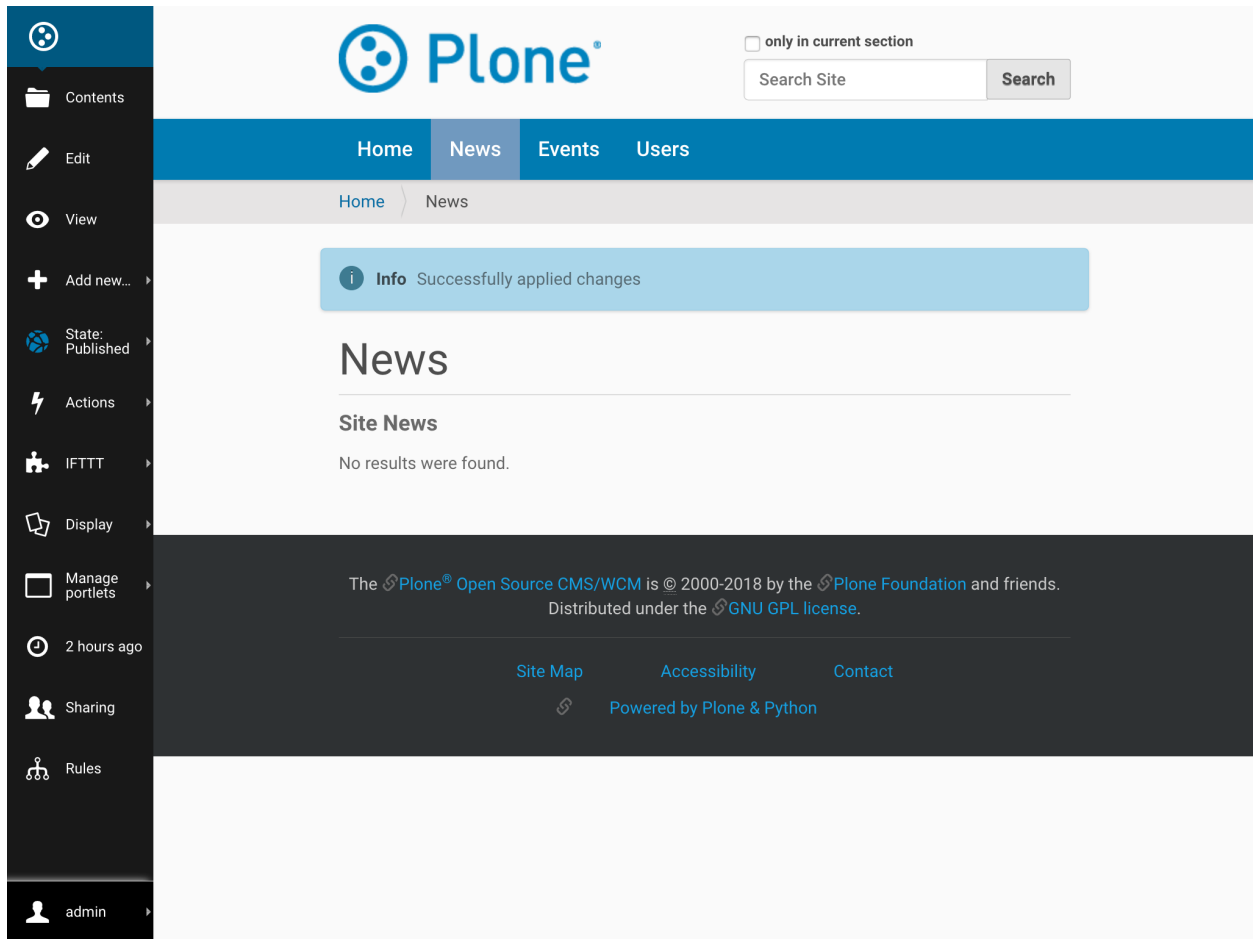
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[Site Map](#) [Accessibility](#) [Contact](#)

Powered by Plone & Python

admin

4. Tada, trigger are deleted on your folder!!



1.10 Trigger IFTTT Content Rule Action

Plone Content Rules are a powerful mechanism to automate dealing with content using *conditions* and *actions*. It will automatically perform an action when certain events (known as “triggers”) takes place under desired condition.

Collective.ifttt contains a new content rule action, *IFTTT Trigger*, that posts an event to the IFTTT web service when a content rule’s conditions are satisfied.

Content rules with the *IFTTT Trigger* is used to implement the IFTTT triggers, which is a powerful mechanism to automate dealing with 3rd party web services that collective.ifttt provides (Content Trigger, Event Trigger, etc.)

You can create your own custom IFTTT trigger event by combining the *IFTTT Trigger* content rule action with your own conditions

1.10.1 Creating and Defining Content Rules

Following the instructions given on the Plone documentation [link](#). Create a content rule as follows and assign it to a folder on your site (or at the site root):

- Triggering event: Object modified
- Condition: Content type equals News Item
- Action: Select “IFTTT Trigger” from the drop down menu and click on the “Add” button.

Edit content rule

[Up to rule management](#)

Rules execute when a triggering event occurs. Rule actions will only be invoked if all the rule's conditions are met. You can add new actions and conditions using the buttons below.

If all of the following conditions are met: Perform the following actions:

Content type Content types are: News Item

Warning There is not any action performed by this rule. Click on Add button to setup an action.

Add condition

Content type [Add](#)

Add action

- ✓ Logger
- Notify user
- Copy to folder
- Move to folder
- Delete object
- Transition workflow state
- Send email
- IFTTT Trigger**

Assignments

Info This rule is assigned to this content type. This will not trigger IFTTT.

Configure rule

Site Setup

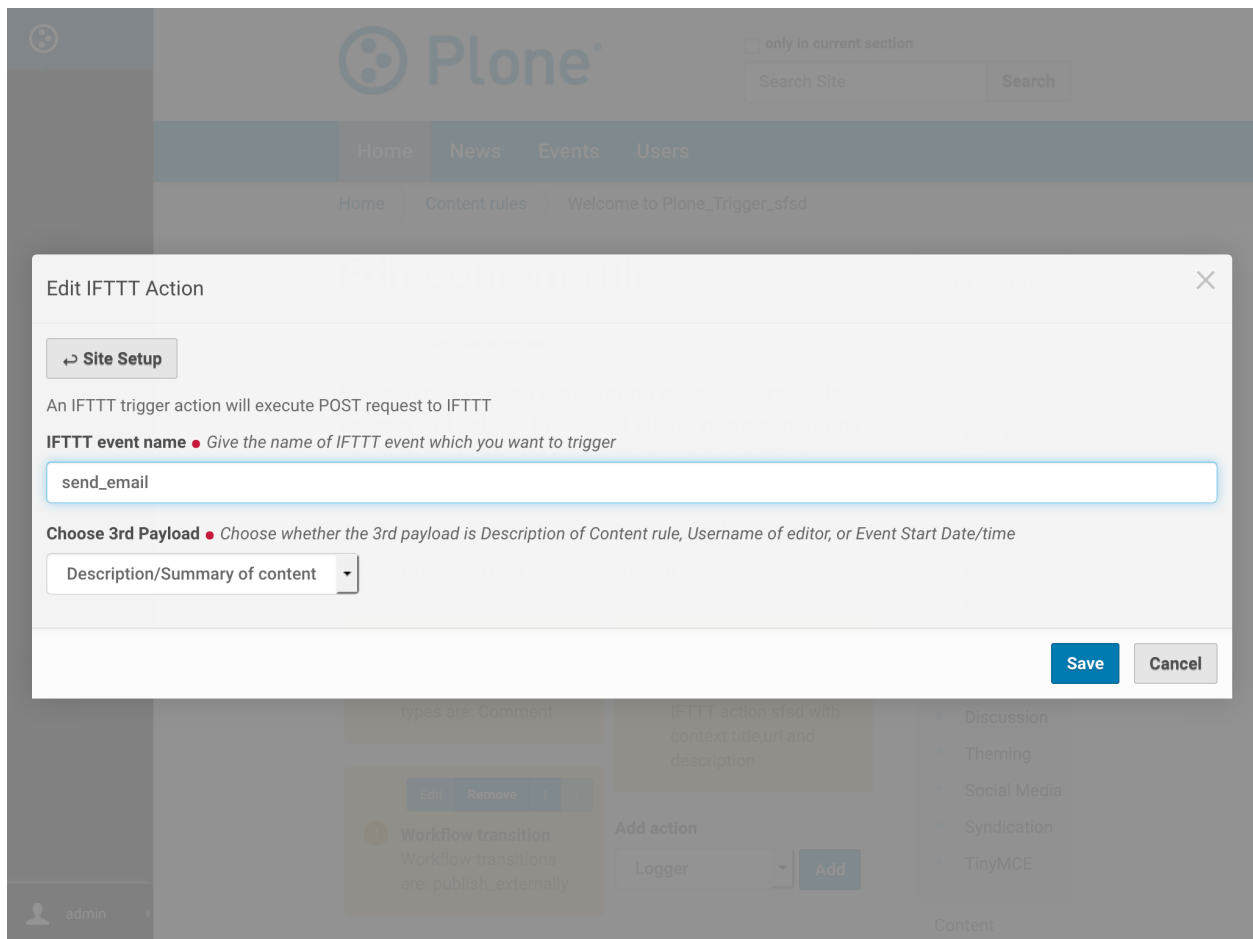
General

- Actions
- Date and Time
- Language
- Mail
- Navigation
- Site
- Add-ons
- Search
- Discussion
- Theming
- Social Media
- Syndication
- TinyMCE

Content

- Content Rules
- Editing
- Image Handling
- Markup

- From the “Add IFTTT Trigger” page, fill out the form:
- For the “IFTTT event name” enter: the IFTTT event which you want to trigger.
- Choose the 3rd payload from available options (values of which will be dynamically fetched from the content which trigger this action) :
 - description - Description/Summary of content
 - username - Username of Editor
 - start - Event Start Date/Time
- Click the “Save” button.



Data sent to IFTTT applet

In the data sent to IFTTT, following payload (values) will be dynamically included (for which content on the site this content rule triggers):

- Title
- absolute_url
- Chosen 3rd Payload

1.10.2 Working example of IFTTT Trigger

Now that following the [Plone Content Rule](#) we can see *IFTTT Trigger* in action.

For example, below we will create a new *news item* and further update it's content to trigger IFTTT `send_email` applet.

Create news item

- Select Add new - news item

The screenshot shows the Plone CMS interface. The top navigation bar includes 'Home', 'News', 'Events', and 'Users'. The left sidebar has a menu with 'Add new...' and 'Add new...' options. The main content area displays a list of news items under the heading 'News'. The items are:

- test trigger for ifttt** (by admin, last modified Jun 09, 2018 12:45 PM)
- New beginnings** (by admin, last modified May 31, 2018 05:15 PM)
- Test Rss** (by admin, last modified May 28, 2018 04:28 PM)
- Movie Show this Tuesday** (by admin, last modified May 21, 2018 05:15 PM)

A right sidebar shows a 'News' widget with a list of recent news items:

- test trigger for ifttt (Jun 08, 2018)
- New beginnings (May 31, 2018)
- Test Rss (May 28, 2018)
- Movie Show this Tuesday (May 21, 2018)
- Starboy Vs Khaleesi (May 21, 2018)
- More news...

- Fill in form for new news. And click save.

The screenshot shows the Plone CMS interface for adding a new news item. The top navigation bar includes 'Home', 'News', 'Events', and 'Users'. A search bar is located in the top right corner. The left sidebar contains a list of news items: 'Movie Show this Tuesday', 'New beginnings', 'Starboy Vs Khaleesi', 'Test Rss', and 'test trigger for ifttt'. The main content area is titled 'Add News Item' and contains several tabs: 'Default', 'Categorization', 'Dates', 'Ownership', and 'Settings'. The 'Settings' tab is selected, showing fields for 'Title' (with the text 'This should not trigger Ifttt Trigger Action'), 'Summary' (with the text 'This is a creation of news item which is why it will not trigger Ifttt'), and a 'Text' editor with a rich text toolbar. The right sidebar shows a list of news items under the heading 'News': 'test trigger for ifttt', 'New beginnings', 'Test Rss', 'Movie Show this Tuesday', 'Starboy Vs Khaleesi', and a 'More news...' link. The bottom left corner shows the user 'admin'.

Plone

only in current section

Search Site Search

Home News Events Users

Home News

Movie Show this Tuesday

New beginnings

Starboy Vs Khaleesi

Test Rss

test trigger for ifttt

Add News Item

Default Categorization Dates Ownership

Settings

Title •

This should not trigger Ifttt Trigger Action

Summary *Used in item listings and search results.*

This is a creation of news item which is why it will not trigger Ifttt

Text

Insert Format Edit Table Tools

View

Formats B I

admin

News

test trigger for ifttt
Jun 08, 2018

New beginnings
May 31, 2018

Test Rss
May 28, 2018

Movie Show this Tuesday
May 21, 2018

Starboy Vs Khaleesi
May 21, 2018

More news...

Update news item

- Select Edit for news item.

The screenshot shows the Plone CMS interface. On the left is a dark sidebar with navigation icons and labels: Contents, Edit, View, State: Private, Actions, Manage portlets, a few seconds ago, Sharing, and Rules. The top navigation bar includes the Plone logo, a search box with the text 'only in current section', and tabs for Home, News, Events, and Users. The main content area is titled 'This should not trigger Ifttt Trigger Action' and contains a large heading with the same text. Below the heading is a subheading: 'This is a creation of news item which is why it will not trigger Ifttt'. To the left of the main content is a list of news items: 'Movie Show this Tuesday', 'New beginnings', 'Starboy Vs Khaleesi', 'Test Rss', 'test trigger for ifttt', and a red warning message: 'This should not trigger Ifttt Trigger Action'. To the right is a 'News' sidebar listing recent news items: 'test trigger for ifttt' (Jun 08, 2018), 'New beginnings' (May 31, 2018), 'Test Rss' (May 28, 2018), 'Movie Show this Tuesday' (May 21, 2018), 'Starboy Vs Khaleesi' (May 21, 2018), and a 'More news...' link. The footer contains copyright information: 'The Plone® Open Source CMS/WCM is © 2000-2018 by the Plone Foundation and friends. Distributed under the GNU GPL license.' and links for Site Map, Accessibility, Contact, and Powered by Plone & Python.

- Update news item. And click save.

Plone ☐ only in current section

Search Site

Home News Events Users

Home > News > This should trigger IFTTT Applet

Edit News Item

Default Categorization Dates

Ownership Settings

Title •

This should trigger IFTTT

Summary *Used in item listings and search results.*

This is updated news item which is why IFTTT applet (send_email) got triggered.

Text

Insert ▼ Format ▼ Edit ▼

Table ▼ Tools ▼ View ▼

Formats ▼ **B** *I*

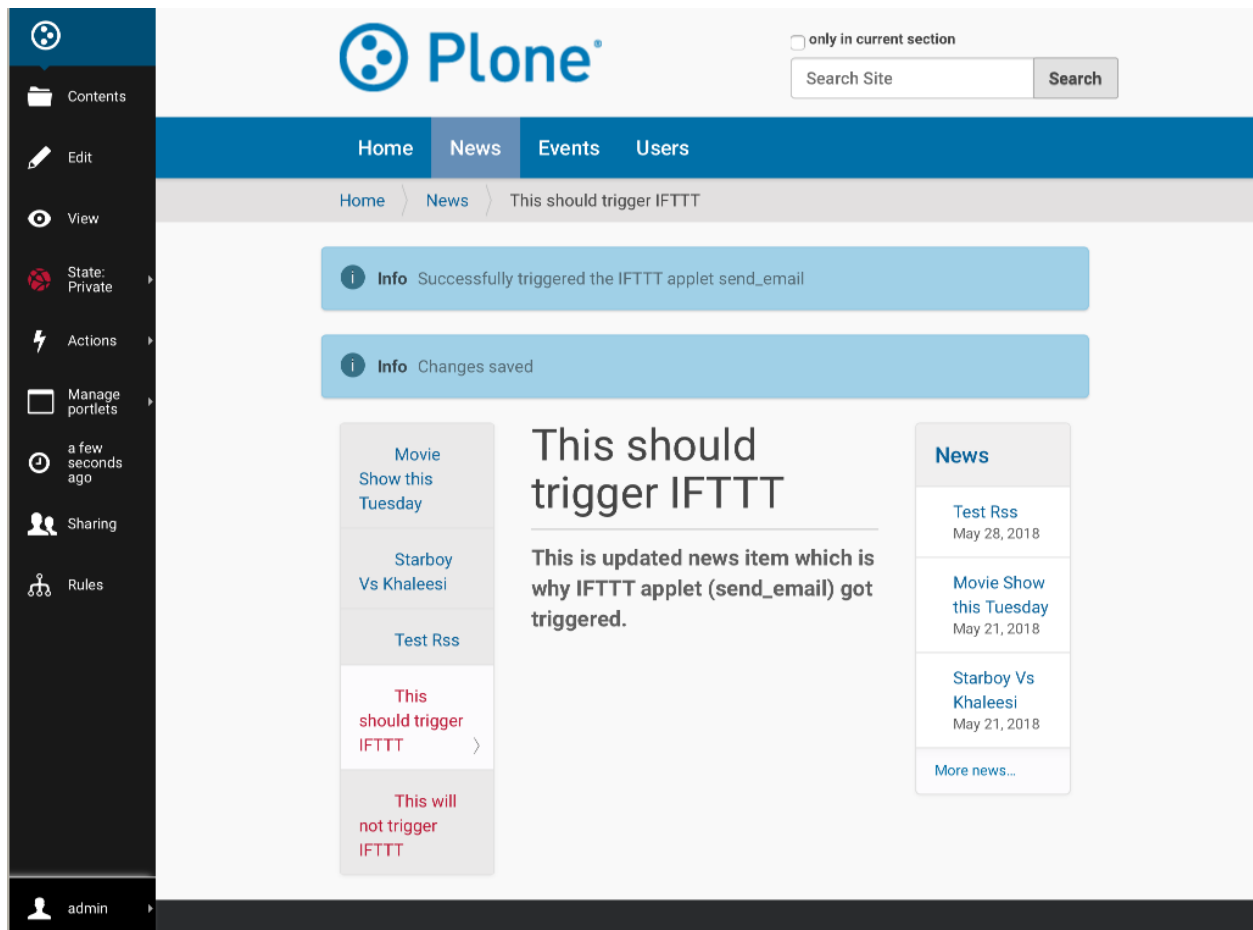
News

- Test Rss
May 28, 2018
- Movie Show this Tuesday
May 21, 2018
- Starboy Vs Khaleesi
May 21, 2018
- [More news...](#)

Left Sidebar:

- Contents
- Edit
- View
- State: Private
- Actions
- Manage portlets
- 3 minutes ago
- Sharing
- Rules
- admin

Triggered the IFTTT Applet



1.11 IFTTT Easyform Action

This document will guide admins to add an IFTTT Action (IFTTTTrigger) to Easyforms.

1.11.1 What are Easyforms?

Easyforms provides a Plone form builder through-the-web using fields, widgets, actions and validators. To know more about Easyforms, refer [this](#).

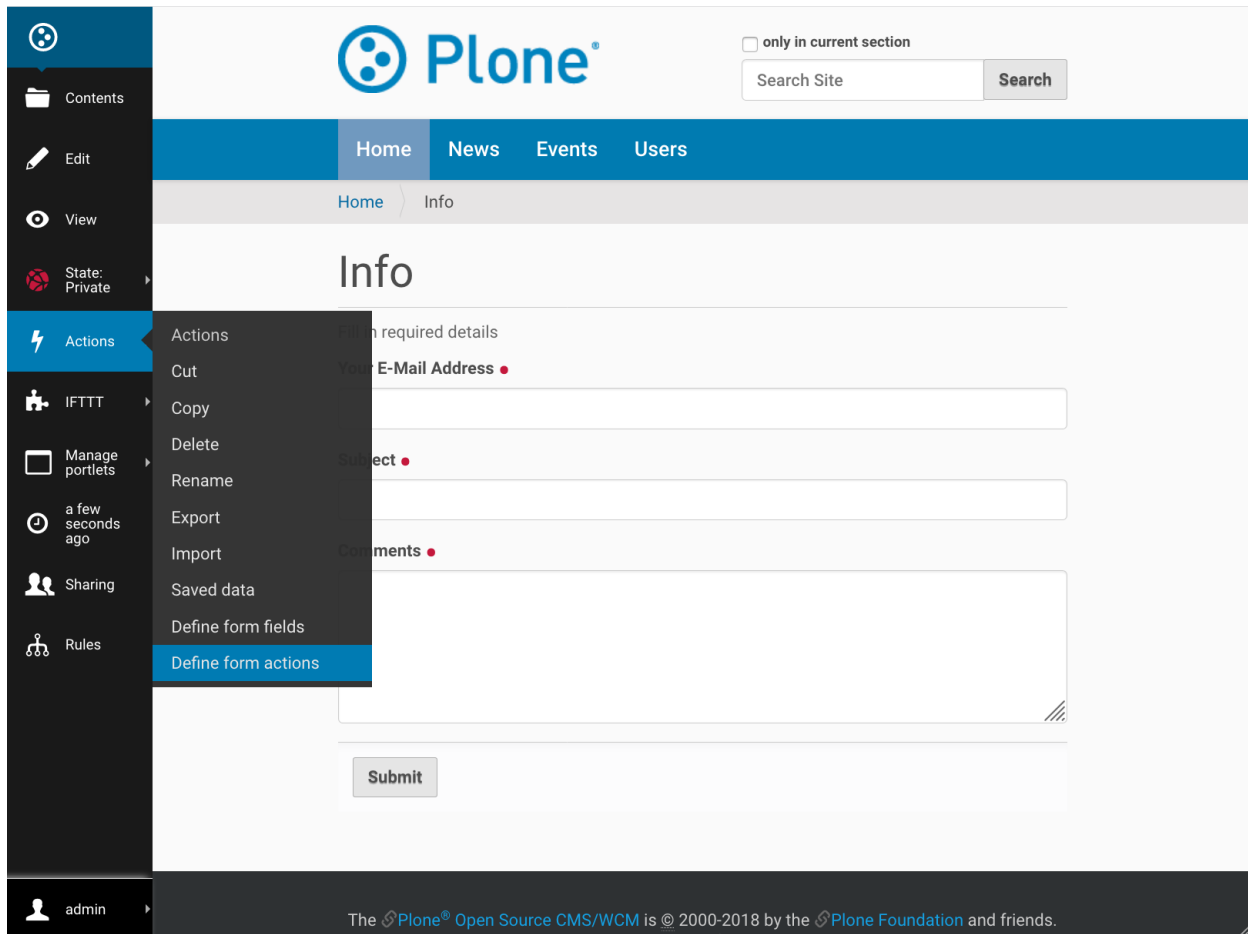
1.11.2 About IFTTT Action

IFTTT Action (IFTTTTrigger) can be added by admin at any time but will not be functional until it has at least 1 payload defined. On successful submission of Easyform, IFTTTTrigger will send a trigger to IFTTT with data of pre-configured form fields as payloads.

1.11.3 Add IFTTT Action

Follow the steps given below to add an action (IFTTTTrigger) onto any Easyform.

1. First add an Easyform (if not already existing) as guided [here](#).
2. Add an action to the form.



3. Click on Add new action, fill up the required details and select IFTTTTrigger as Action type.

Add new action

Title •

IFTTT Trigger

Short Name • *Used for programmatic access to the field.*

ifttt_trigger

Help Text *Shows up in the form as help text for the field.*

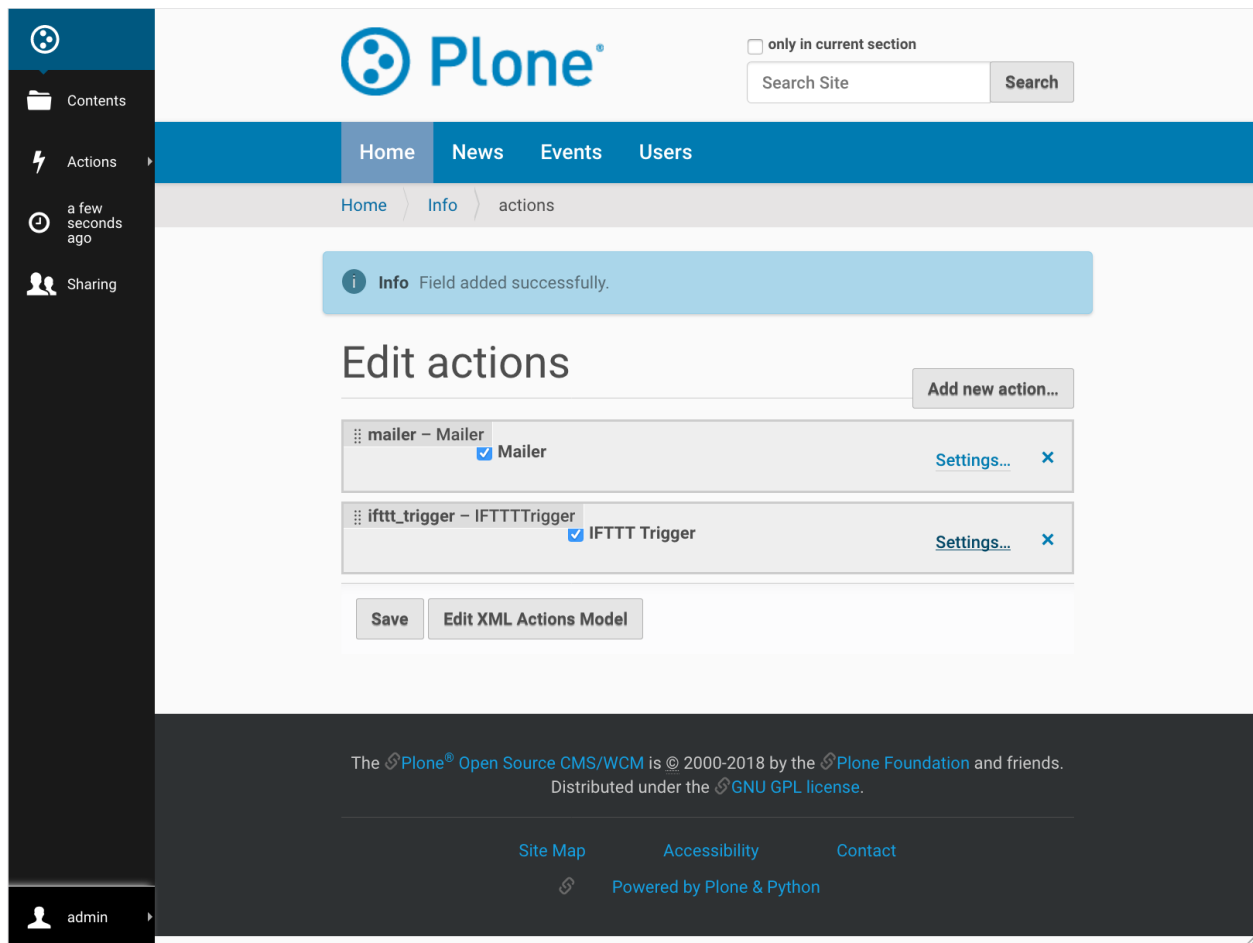
This action will trigger IFTTT with required data

Action type •

- ✓ Custom Script
- IFTTTTrigger
- Mailer
- Save Data

Add

4. Click on Settings of created action to configure it.



5. Configure the action with:

- The *IFTTT event name* you want to use
- Select up to 3 *form fields* to use as the *payloads*

only in current section

Edit Action 'ifttt_trigger'

Default Overrides

Title A short summary or label

IFTTT Trigger

Description A description of the field

This action will trigger IFTTT with required data

IFTTT event name • Give the name of IFTTT event which you want to trigger upon the successfull submission of easyform

gSheetIFTTT

Add Payloads • Add upto 3 form fields to use as the payloads for IFTTT Trigger

Your E-Mail Address	→	Comments Subject	↑
	←		↓

Save Cancel

admin

And click *Save*.

6. Tada, our job is done!! Now upon every successful submission of the form, the data filled by user in those pre-configured *form fields* will be send to *IFTTT event* as *payloads*.