
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 for content and forms, so you can create more customized applets. Finally, we explain how this add-on uses Plone content rules under the hood. For those who are familiar with them, we show how to get even more flexibility by creating a content rule with an IFTTT action.

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 IFTTT 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.

IFTTT applets are composed of triggers (the “this” in “if this then that”) and actions (the “that”). Triggers tell an applet to start and provide it with data, and actions are the end result of an applet run. To use IFTTT applets, you'll need a [free IFTTT account](#). Then you can connect your apps and devices with IFTTT.

Follow this [link](#) for an example of 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, you don't even need to install collective.ifttt.

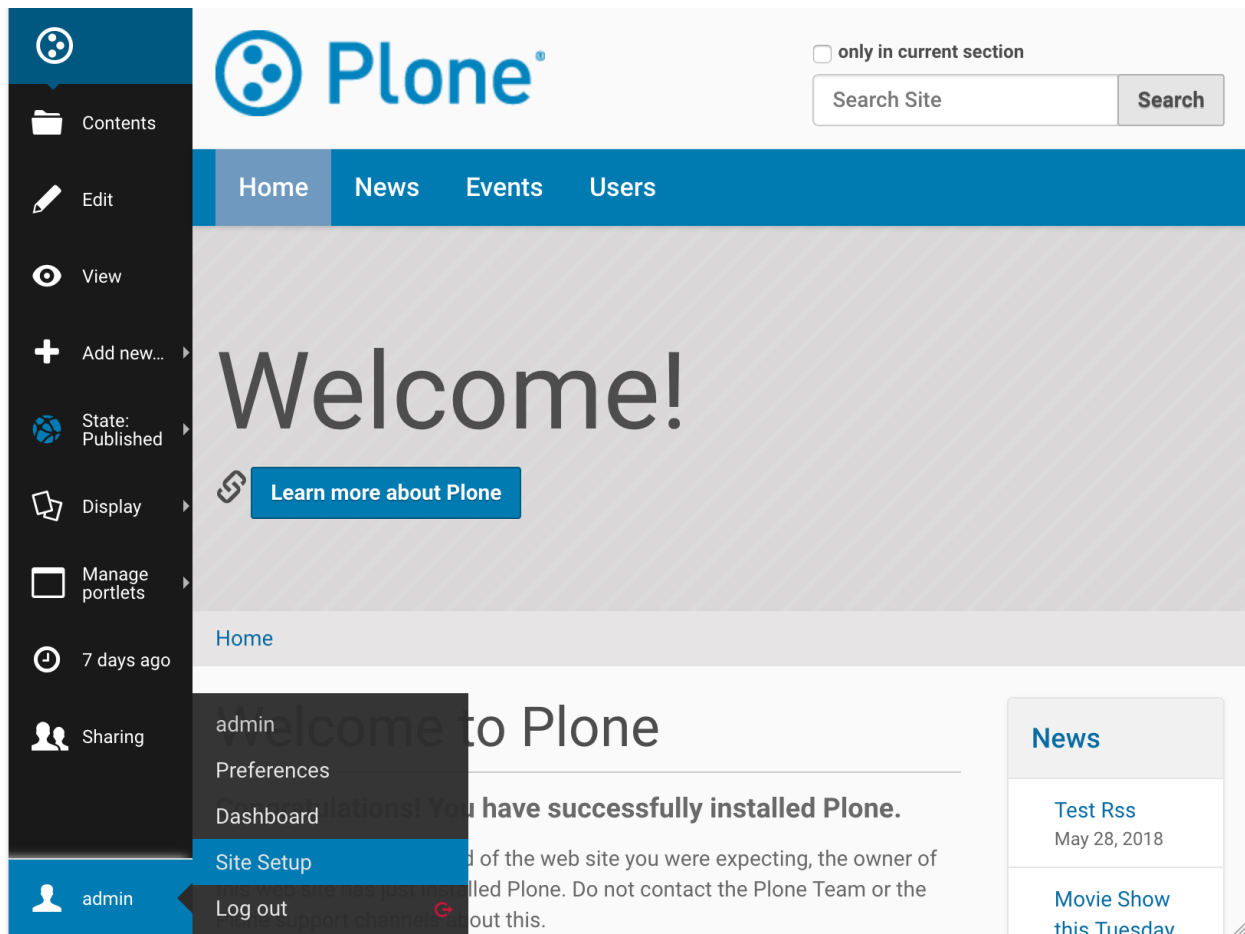
Below are the steps to create an example RSS feed on a Plone 5 site. You can tweak the configuration to meet your requirements and make different kinds of RSS feeds given the flexibility of collections.

If you are using Plone 4, the Site Setup instructions given below are similar. [See this page](#) for instructions on how to enable RSS on a folder or collection.

1.3.2 Enabling Syndication

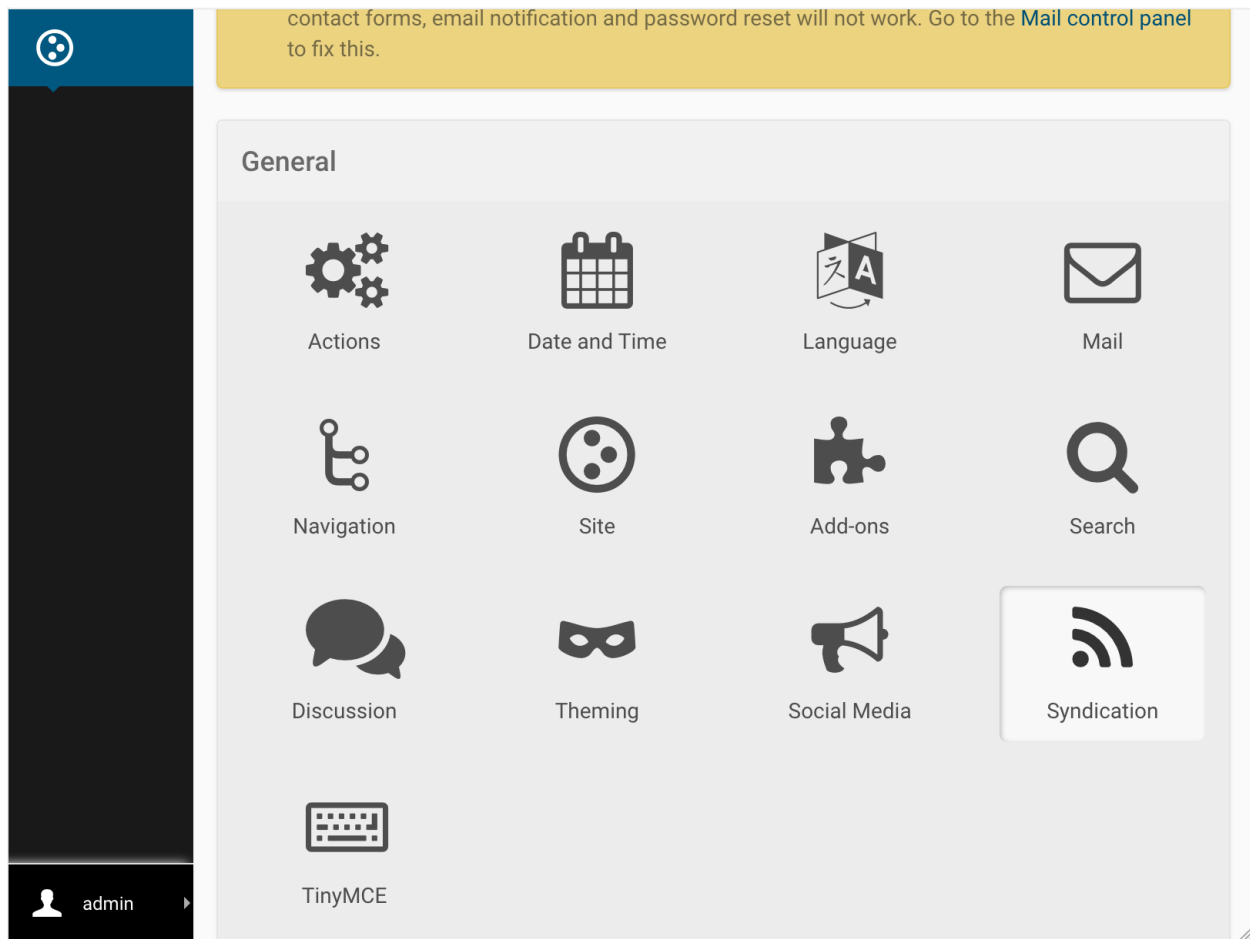
Step 1

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 '|'

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 success 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!' message with a 'Learn more about Plone' button. Below this is a 'Home' link and a 'Welcome to Plone' section with a congratulatory message: 'Congratulations! You have successfully installed Plone.' and a note about the installation. On the right, there is an 'Upcoming Events' section listing 'Hitting RSS' on May 28, 2018, at 04:00 PM (Asia/Kolkata).

only in current section

Search Site Search

Home News Events Users

Welcome!

[Learn more about Plone](#)

[Home](#)

Welcome to Plone

Congratulations! You have successfully installed Plone.

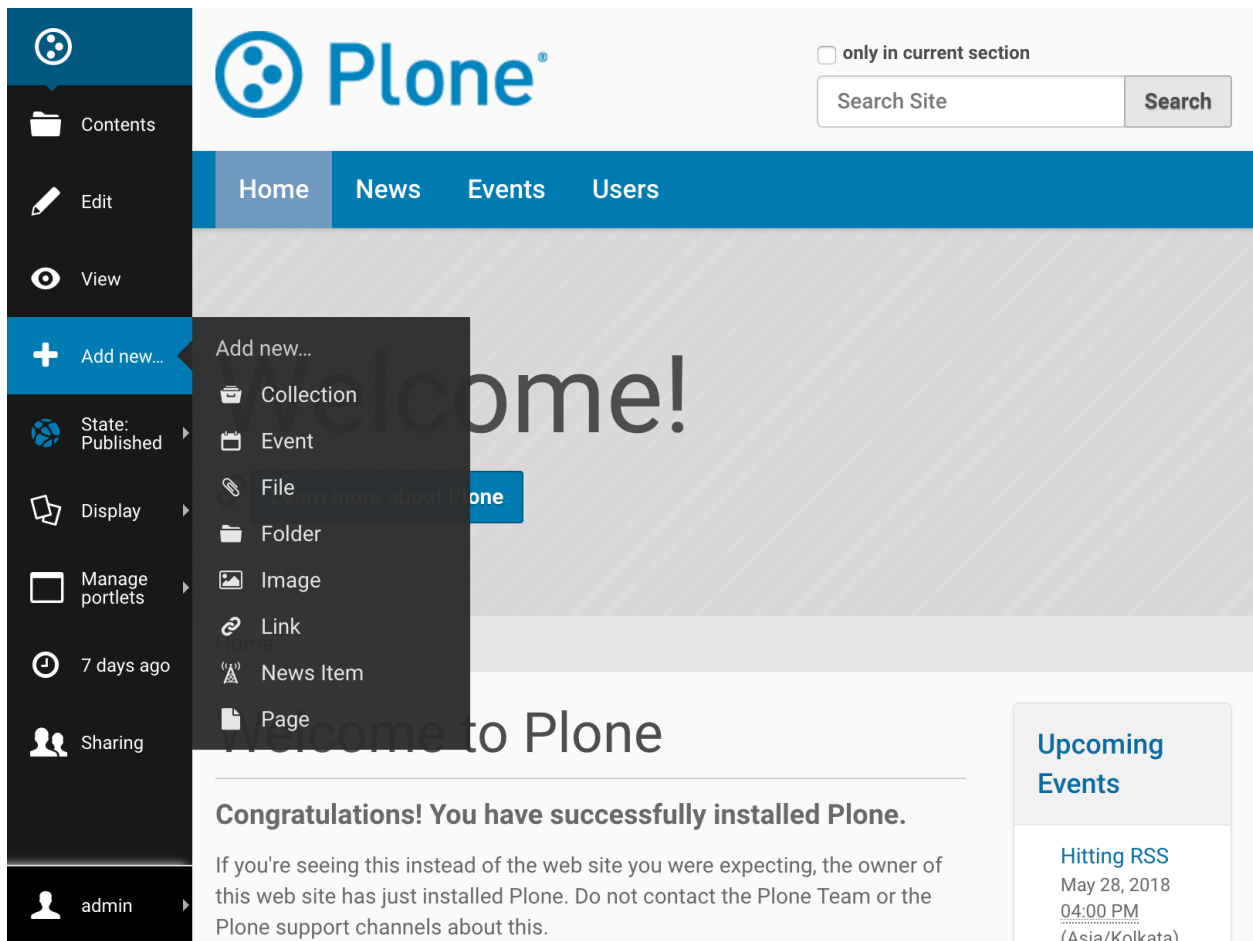
If you're seeing this instead of the web site you were expecting, the owner of this web site has just installed Plone. Do not contact the Plone Team or the Plone support channels about this.

Upcoming Events

[Hitting RSS](#)
May 28, 2018
04:00 PM
(Asia/Kolkata)

Step 2

Add a new collection.



Step 3

Configure your collection. The configuration given 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

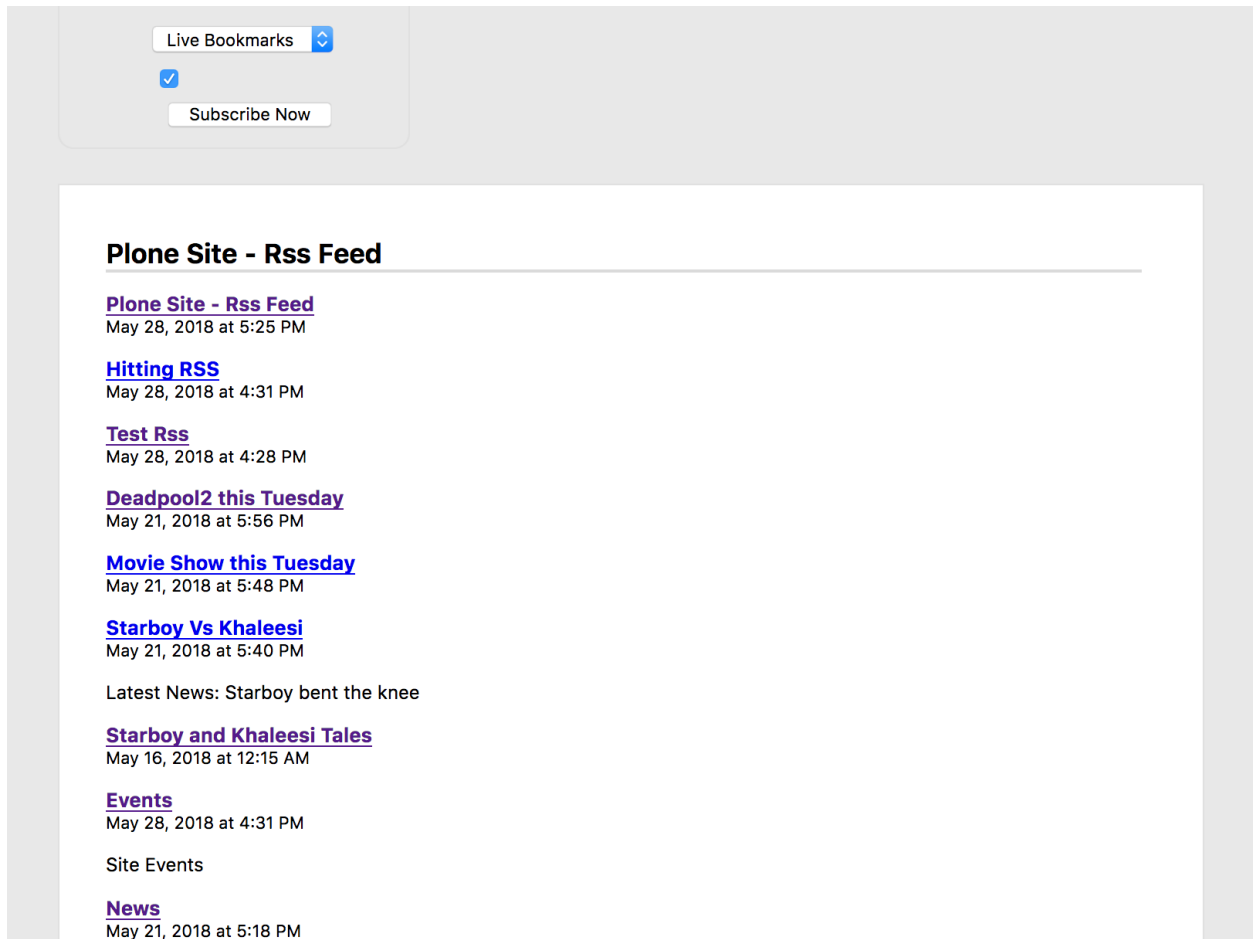
If the collection's content seems to be right, publish it using the `State` menu on the edit bar.

The screenshot shows the Plone website interface. The top navigation bar includes 'Home', 'News', 'Events', and 'Users'. The left sidebar contains a menu with 'Contents', 'Edit', 'View', 'State: Private', 'Actions', 'Display', 'Manage portlets', 'a few seconds ago', 'Sharing', and 'Syndication'. The main content area displays the 'Plone Site - RSS feed' with a list of recent news items. The 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.

Syndication Properties

Syndication enables you to syndicate this folder so it can be synchronized from other web sites.

☒ **Enabled**

Feed Types

iTunes → RSS 1.0
RSS 2.0
Atom

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

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

15

Save

News

Test Rss
May 28, 2018

Movie Show this Tuesday
May 21, 2018

Starboy Vs Khaleesi
May 21, 2018

[More news...](#)

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](#).

1.4 Using Plone RSS Feeds in IFTTT Applets

To learn how to create an IFTTT applet using an RSS feed, follow the example below. This applet will add a new row to a Google Spreadsheet each time an item is published on an RSS feed. You can change this configuration to suit your own requirements.

- Signup for a [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 for `rss` 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

 IFTTT Platform

- Choose *New feed item* as the trigger.
- Fill in the RSS feed URL in the given space. Click *Create Trigger*.

The screenshot shows the IFTTT web interface. At the top is a blue navigation bar with the IFTTT logo, links for 'Discover', 'Search', 'My Applets', and 'Activity', and a user profile 'agrawalshriyansh05'. Below the navigation bar is a 'Back' button. The main content area is titled 'Complete trigger fields' with a subtitle 'Step 2 of 6'. It features an orange card with the heading 'New feed item' and the text 'This Trigger fires every time a new item is added to the feed you specify.' Below this is a 'Feed URL' field containing the text 'http://timesofindia.indiatimes.com/rssfeedstopstories.cms'. A link 'for feed URL requirements, visit the help page' is provided. At the bottom of the card is a 'Create trigger' button. The footer contains links for 'About', 'Blog', 'Help', 'Jobs', 'Terms', 'Privacy', and 'Trust', followed by the text 'Build your own service and Applets' and the IFTTT Platform logo.

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.
- Search for `google` and choose *Google Sheets* as the 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* as the action.
- Configure the form as you wish and click *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

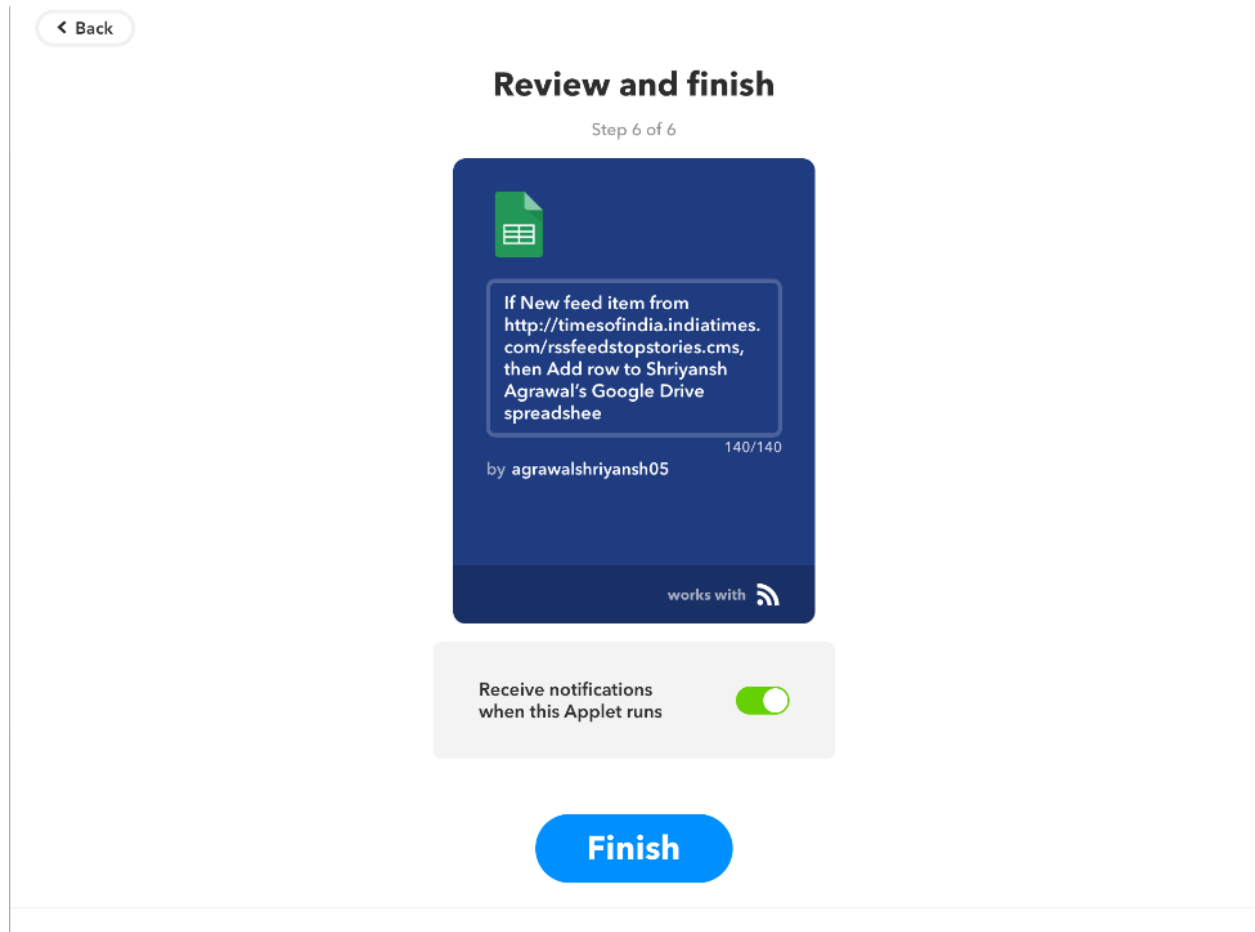
IFTTT/Feed/ FeedTitle

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

Add ingredient

Create action

- Click *Finish*.



This creates a new IFTTT Applet.

My Applets > Google Sheets



Now every time an item is published on the RSS feed, it will automatically be added as a new row to the 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	

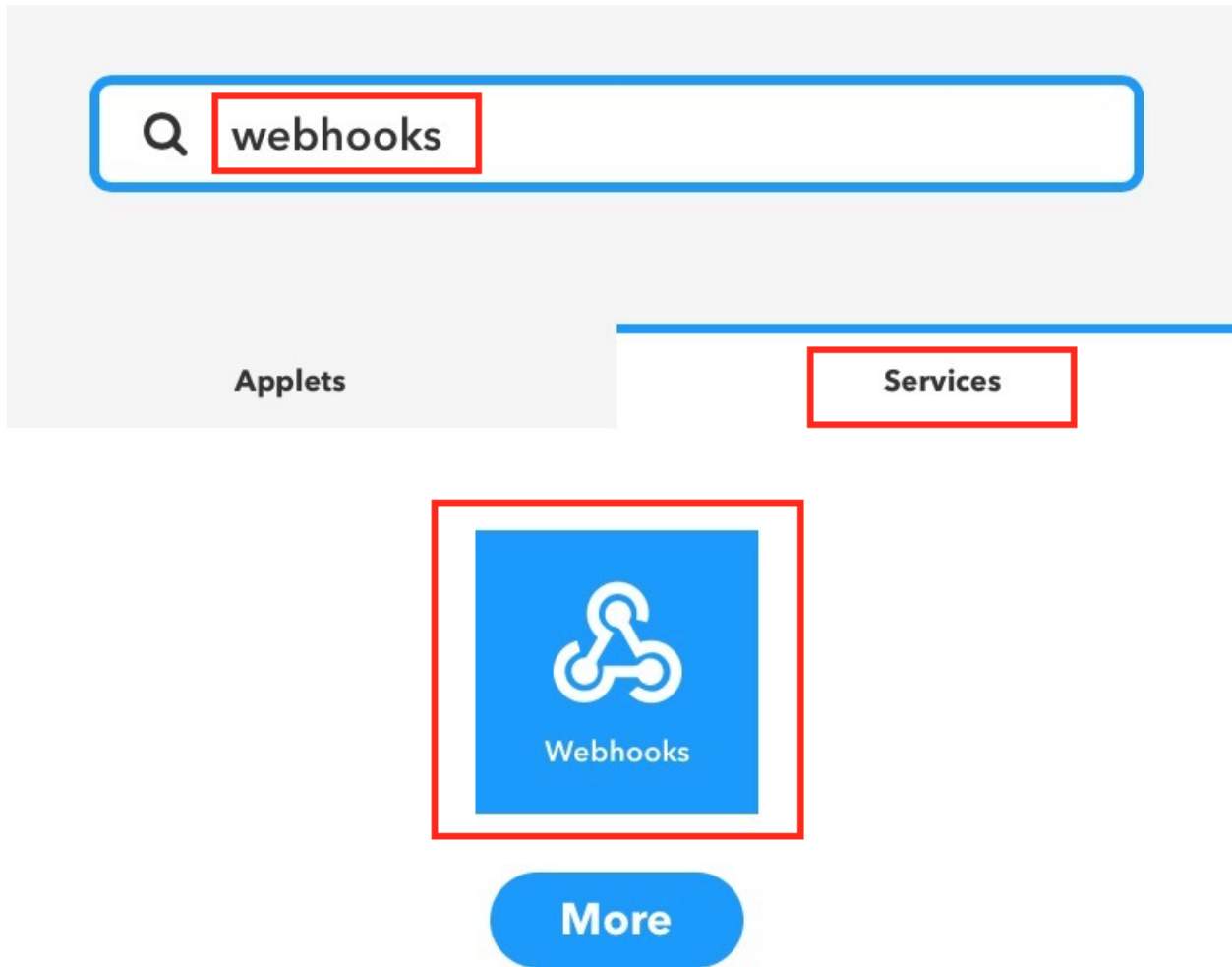
1.5 Configure a Plone Site with an IFTTT Secret Key

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.

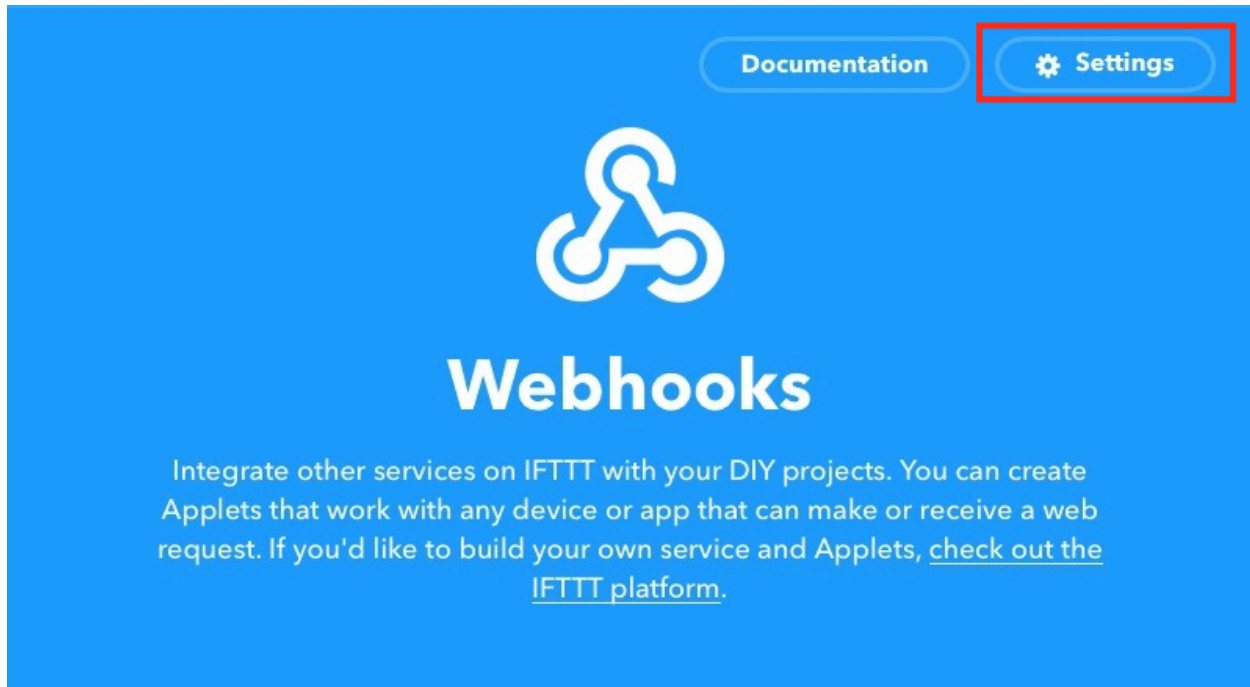
Follow the steps below to get your IFTTT secret key and save it in your Plone site.

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 'Webhooks'. Click on 'Services'.



3. Click on the 'Webhooks' service to create it.



4. Click on the gear icon (Settings) on the top-right of the Webhooks service to view your key.

Account Info

Connected as: 

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

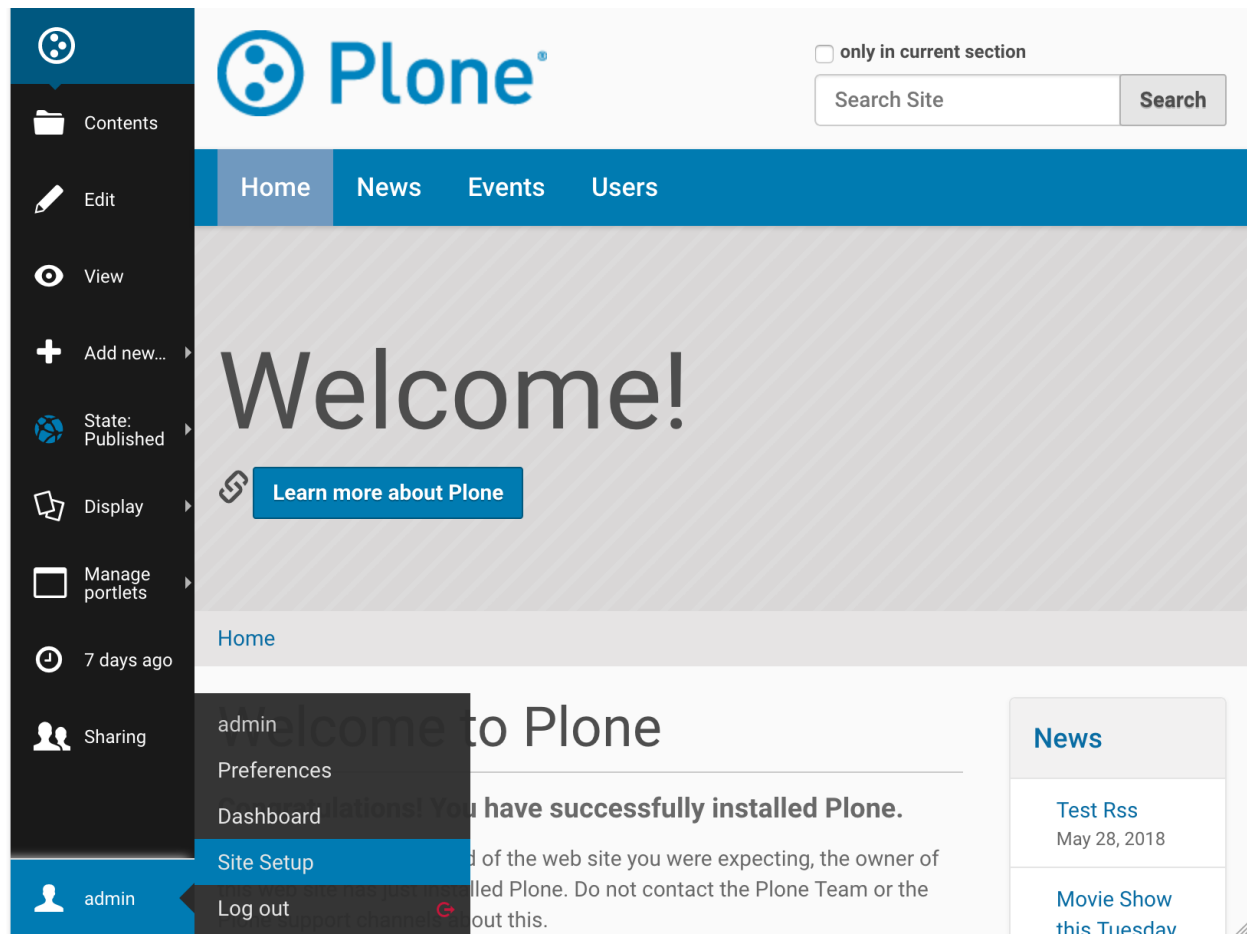
Status: **active**

This is your key

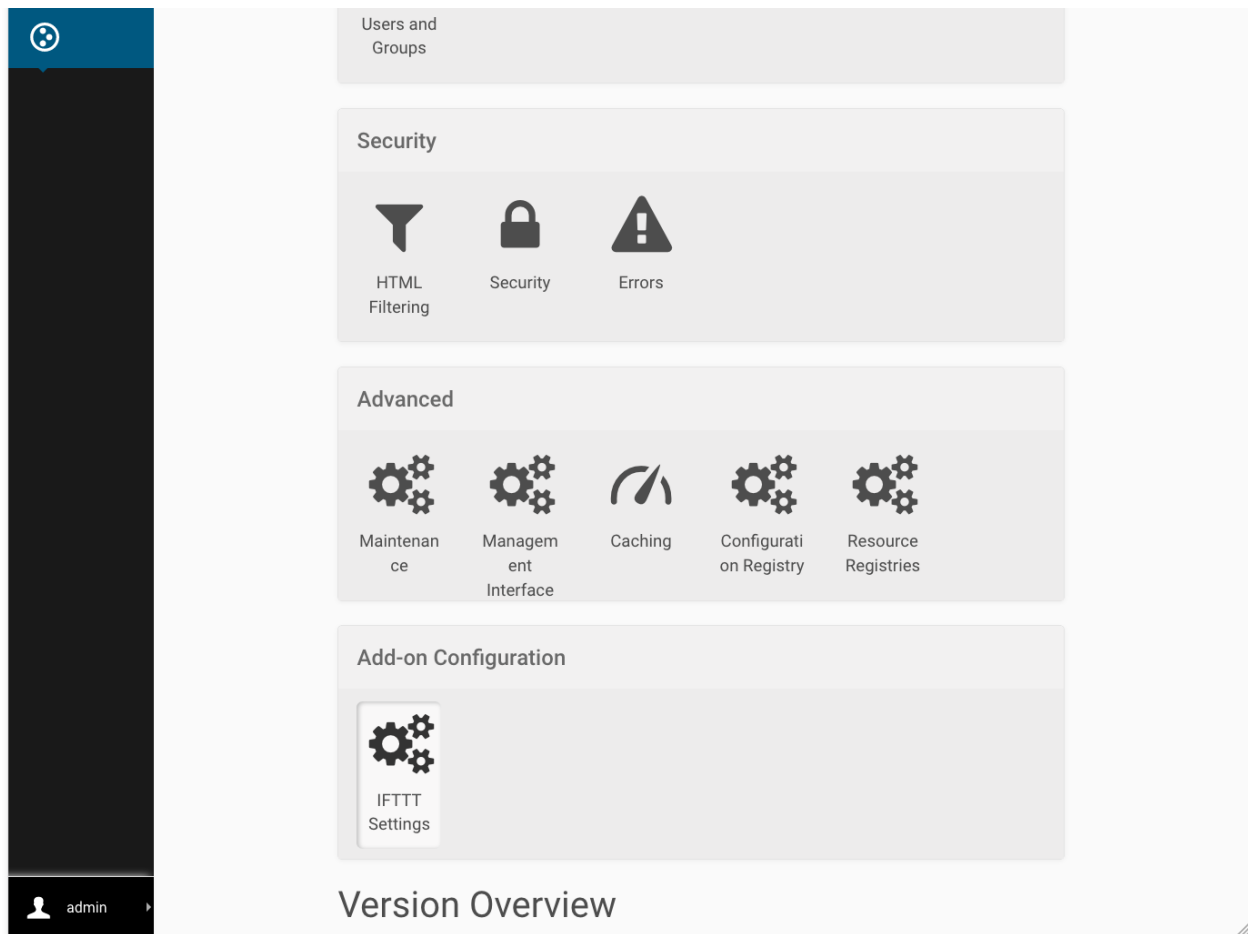
[Edit connection](#)

1.5.2 Saving an IFTTT Secret Key in Plone

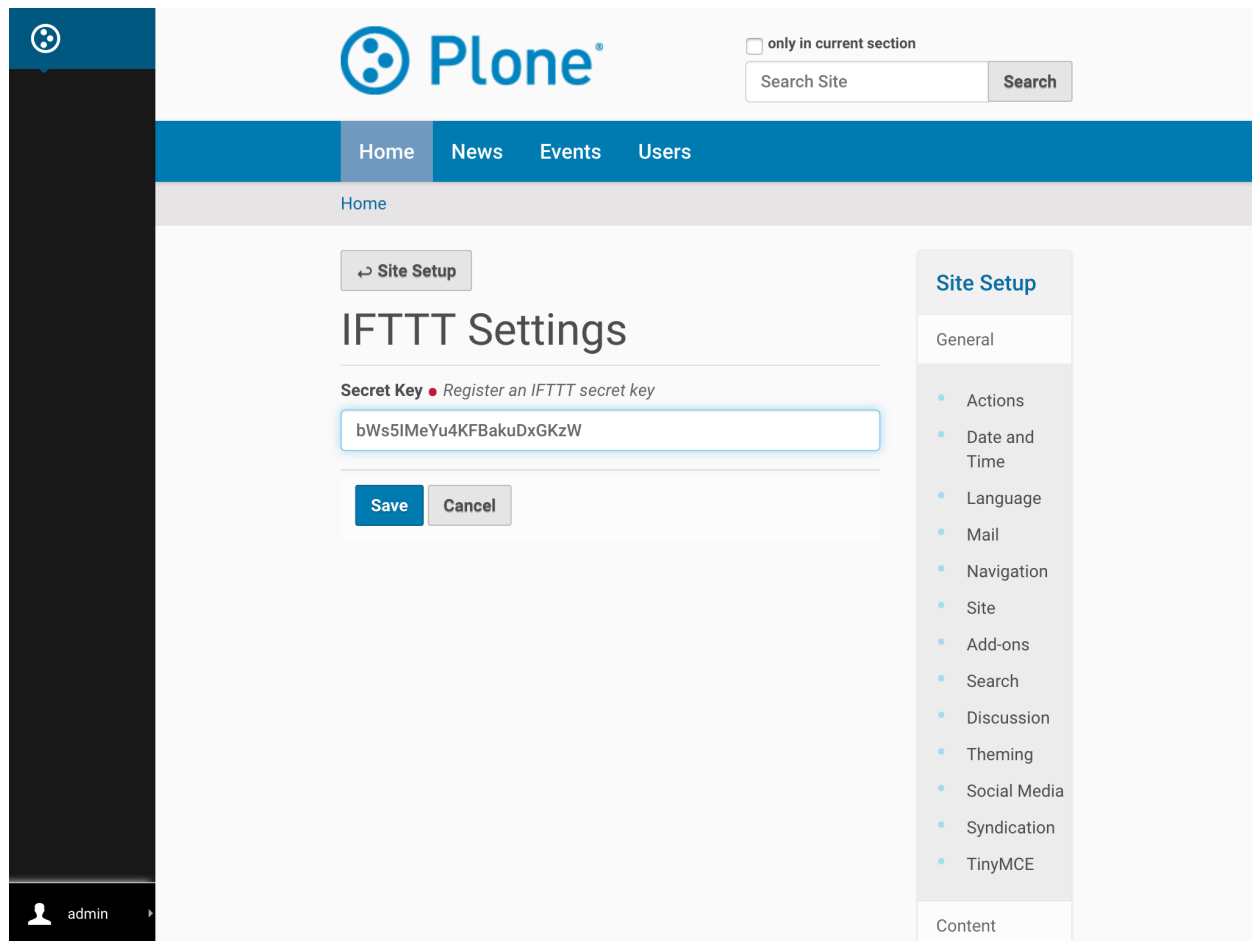
1. Go to Site Setup



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 explain how to add an IFTTT “Content Trigger” to a Plone folder. The Content Trigger will send a triggering event to IFTTT when content in or below the folder is published. This allows creation of IFTTT applets to, for example, email, tweet, or Facebook post about the content.

Note: For the trigger to work, an IFTTT secret key must be configured for the site as described at [Configure a Plone Site with an IFTTT Secret Key](#).

1.6.1 Add Content Trigger

Follow the steps given below to add a Content Trigger to any folder.

1. Traverse to the desired folder.
2. From the IFTTT menu select Add IFTTT Content Trigger.

The screenshot shows the Plone website interface. At the top, the Plone logo is on the left, and a search bar with the text "only in current section" and "Search Site" is on the right. Below the logo, there is a navigation bar with links for Home, News, Events, and Users. The "News" link is highlighted. Below the navigation bar, the "News" section is displayed, showing "Site News" and a message "No results were found." On the left side, there is a sidebar with various icons and labels: Contents, Edit, View, Add new..., State: Published, Actions, IFTTT, Display, Manage portlets, an hour ago, Sharing, and admin. The IFTTT section is expanded, showing options to Add IFTTT Content Trigger, Add IFTTT User Trigger, Add IFTTT Event Trigger, and Manage IFTTT Triggers. Below these options, there is a footer with links for Site Map, Accessibility, and Contact, and a note "Powered by Plone & Python".

3. Fill in the form with the required values and click Add. Note that the event name will be used in the URL that will trigger IFTTT, so it must be a URL-friendly name (no spaces or special characters).

Plone ☐ only in current section

Search Site

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

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

Comment	→	File	↑
Event		News Item	
Folder			
Image			
Link			
Page			

←

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

Make private [hide]	→	Approve // Publish [publish]	↑
Publish externally [publish_externally]			
Publish internally [publish_internally]			
Send back [reject]			
Retract [retract]			

←

admin

1.6.2 Behind the Scenes

Collective.ifttt uses [Plone content rules](#) to implement IFTTT triggers. For those who are interested, this section explains what happens behind the scenes.

After the Add form gets filled in, a new content rule is dynamically created and applied to the folder. See the [Rules](#) menu on the left bar to see all the folder's content rules.

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?
☐ 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](#)

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admin

The new content rule will be triggered by a Plone Workflow state changed event. It has the following conditions defined:

- One condition for each content type selected
- One condition for the selected workflow transition
- One condition for the published workflow state

The content rule will have one action, IFTTT Trigger. This action will trigger IFTTT with an event named according to what was filled out on the Add form.

1.6.3 Data Sent to IFTTT

The event sent to IFTTT by the Content Trigger will contain the following 3 payload data items for the content object that was published:

- Title
- URL
- Description

1.7 User Trigger

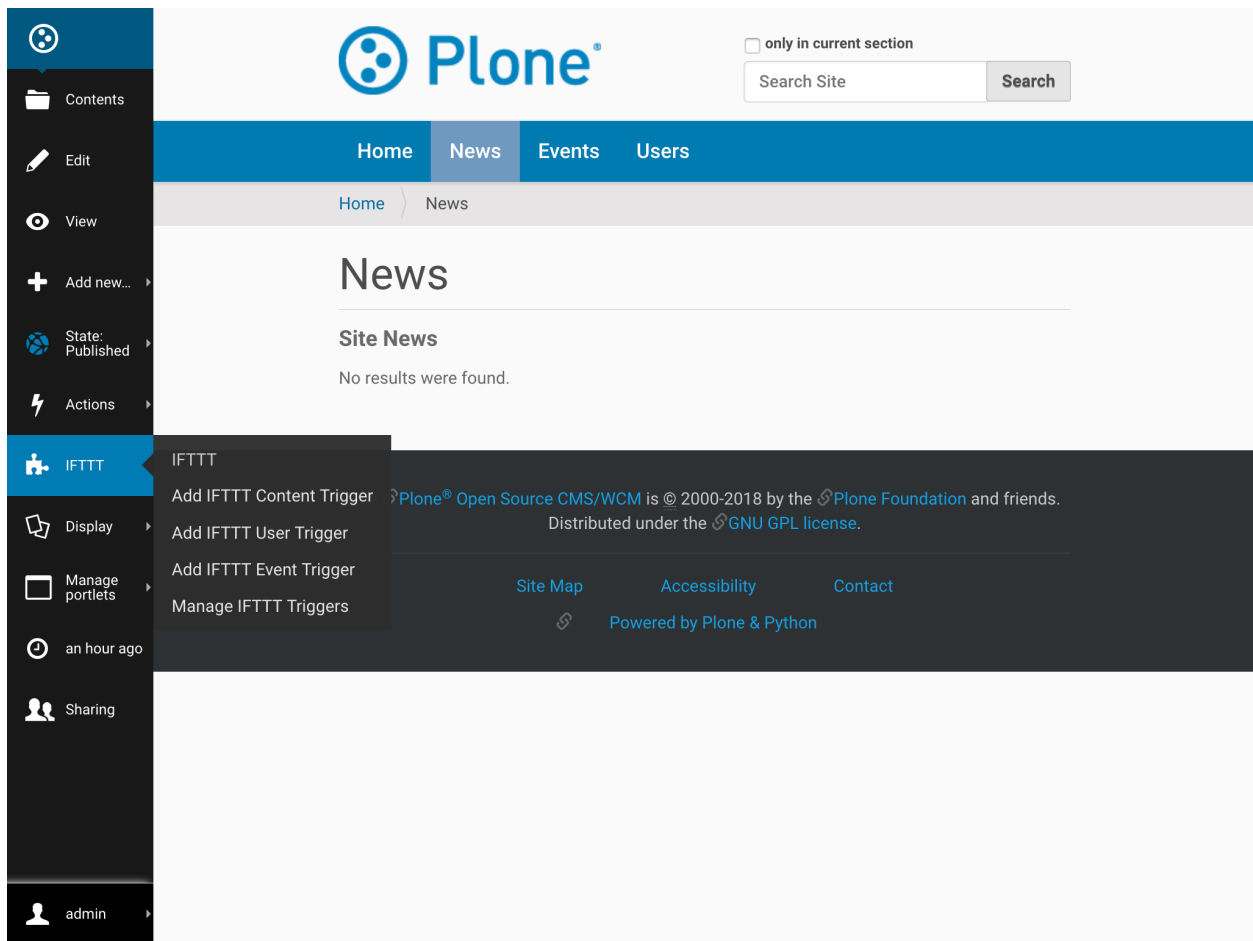
This document will explain how to add an IFTTT “User Trigger” to a Plone folder. The User Trigger will send a triggering event to IFTTT when content in or below the folder is edited, including information about who changed it. This allows creation of IFTTT applets to, for example, log the edit information to Slack or a Google spreadsheet.

Note: For the trigger to work, an IFTTT secret key must be configured for the site as described at [Configure a Plone Site with an IFTTT Secret Key](#).

1.7.1 Add User Trigger

Follow the steps given below to add a User Trigger to any folder.

1. Traverse to the desired folder.
2. From the IFTTT menu select Add IFTTT User Trigger.



3. Fill out the form with the required values and click Add. Note that the event name will be used in the URL that will trigger IFTTT, so it must be a URL-friendly name (no spaces or special characters).

Plone

☐ only in current section

Search Site

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	↑ ↓
---	--------	-----------------------------	--------

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

1.7.2 Behind the Scenes

Collective.ifttt uses [Plone content rules](#) to implement IFTTT triggers. For those who are interested, this section explains what happens behind the scenes.

After the Add form gets filled in, a new content rule is dynamically created and applied to the folder. See the Rules menu on the left bar to see all the folder's content rules.

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?
☐ 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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The new content rule will be triggered by a Plone Object Modified event. It will have one condition defined for each content type selected, and one action, IFTTT Trigger. This action will trigger IFTTT with an event named according to what was filled out on the Add form.

1.7.3 Data Sent to IFTTT

The event sent to IFTTT by the User Trigger will contain the following 3 payload data items for the content object that was edited:

- Title
- URL
- Username of the person who modified the content

1.8 Event Trigger

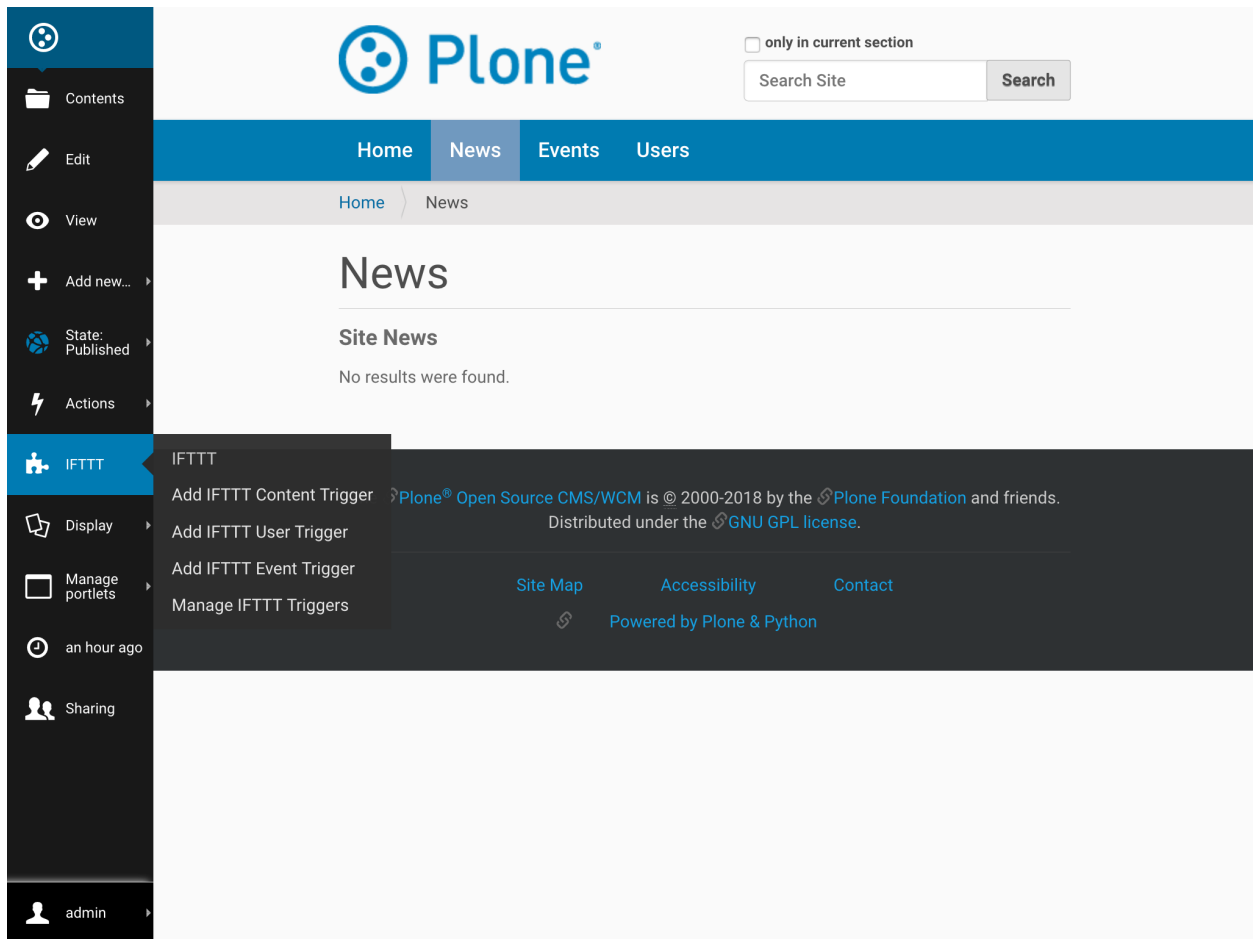
This document will explain how to add an IFTTT “Event Trigger” to a Plone folder. The Event Trigger will send a trigger to IFTTT when an event in or below the folder is published. This allows creation of IFTTT applets to, for example, add new events to a calendar.

Note: For the trigger to work, an IFTTT secret key must be configured for the site as described at [Configure a Plone Site with an IFTTT Secret Key](#).

1.8.1 Add Event Trigger

Follow the steps given below to add an Event Trigger to any folder.

1. Traverse to the desired folder.
2. From the IFTTT menu select Add IFTTT Event Trigger.



3. Fill in the form with the required values and click Add. Note that the event name will be used in the URL that will trigger IFTTT, so it must be a URL-friendly name (no spaces or special characters).

Plone

☐ only in current section

Search Site

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]	→	Submit for publication [submit]	↑
Publish internally [publish_internally]			
Send back [reject]			
Retract [retract]			
Promote to Draft [show]	←		↓
Show internally [show_internally]			

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1.8.2 Behind the Scenes

Collective.ifttt uses [Plone content rules](#) to implement IFTTT triggers. For those who are interested, this section explains what happens behind the scenes.

After the Add form gets filled in, a new content rule is dynamically created and applied to the folder. See the Rules menu on the left bar to see all the folder's content rules.

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?
☐ 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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The new content rule will be triggered by a Plone Workflow state changed event. It will have these conditions defined:

- One condition for the event content type
- One condition for the selected workflow transition
- One condition for the published workflow state

The content rule will have one action, IFTTT Trigger. This action will trigger IFTTT with an event named according to what was filled out on the Add form.

1.8.3 Data Sent to IFTTT

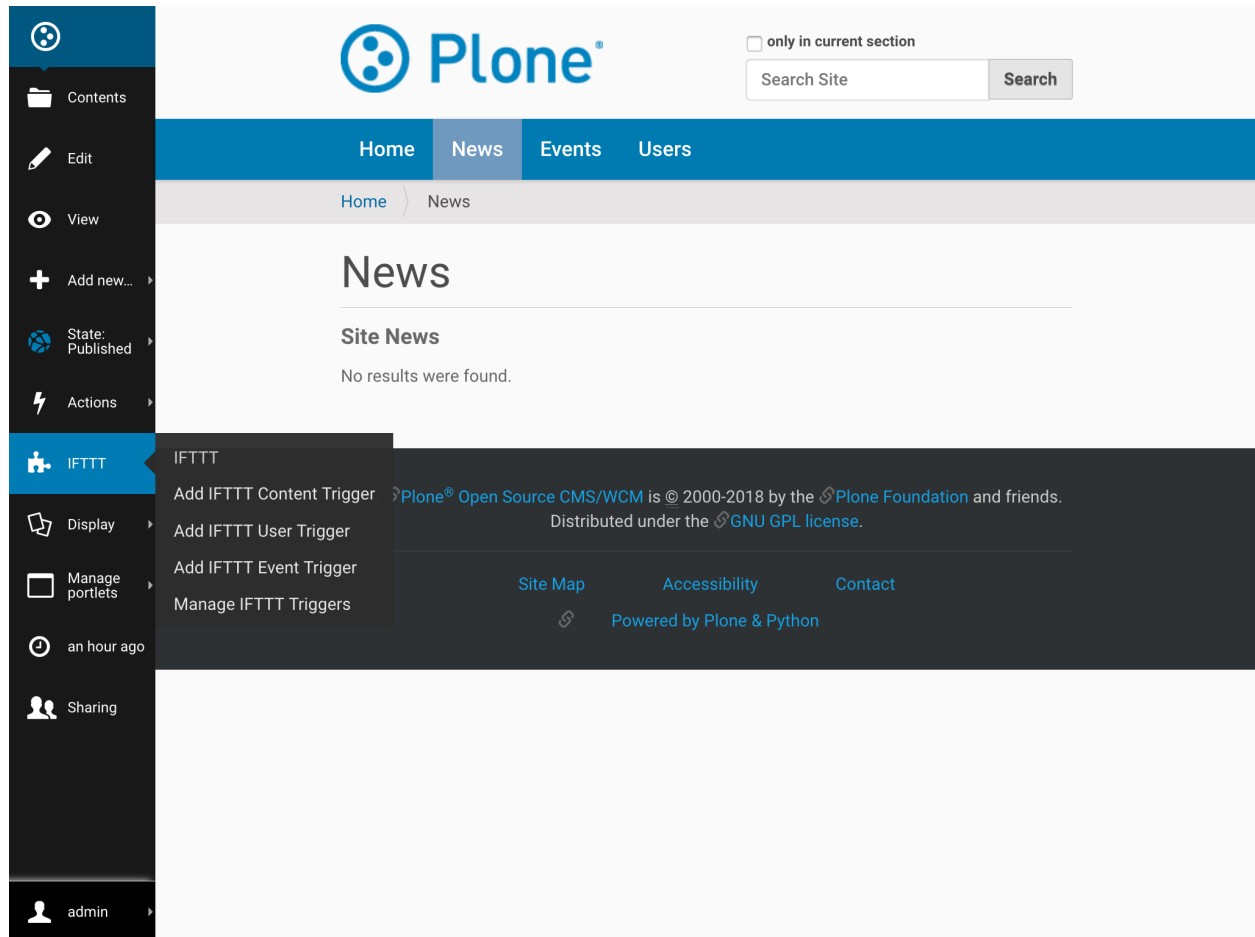
The event sent to IFTTT by the Event Trigger will contain the following 3 payload data items for the event that was published:

- Title
- URL
- Event start date/time

1.9 Manage Folder Triggers

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

1. Traverse to the desired folder.
2. From the IFTTT menu select Manage IFTTT Triggers.



3. Select the triggers to delete and click `Delete`, or click `Cancel` to make no changes.

1.10 Easyform Trigger

This document will explain how to add an IFTTT Trigger to an Easyform by using the Easyform action that is provided in this package.

1.10.1 What are Easyforms?

Easyforms provide a Plone through-the-web form builder using fields, widgets, actions and validators. To learn more about Easyforms, see the [Easyform documentation](#).

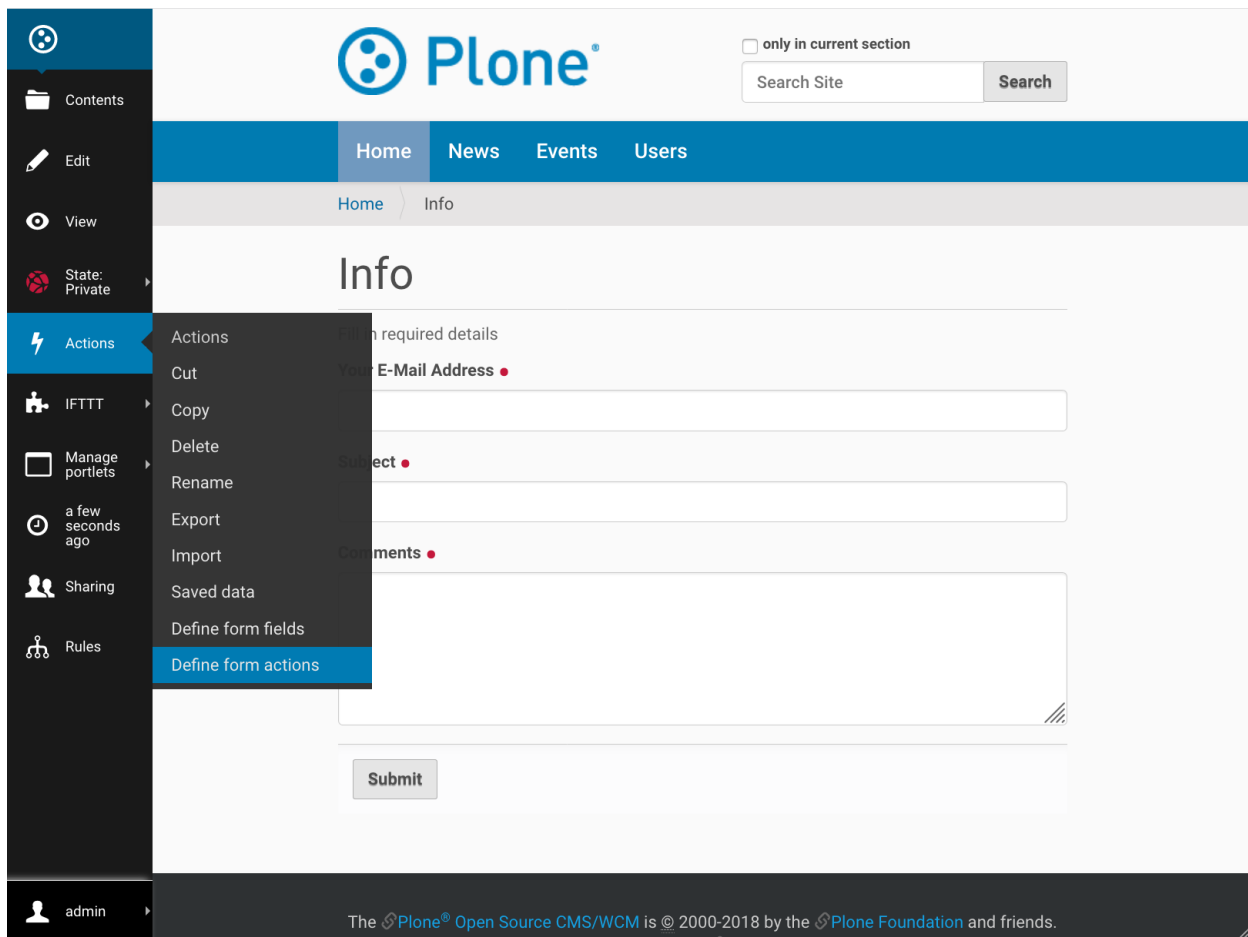
1.10.2 About IFTTTTrigger

Collective.ifttt provides a new Easyform action called IFTTTTrigger. It can be added to a form at any time but it will not be functional until it has at least 1 IFTTT payload defined. On successful form submission, IFTTTTrigger will send a triggering event to IFTTT that contains selected form field data as payloads.

1.10.3 Add IFTTT Action

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

1. Create the Easyform as described [here](#).
2. Add an action to the form.



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

Plone

only in current section

Search Site Search

Contents

Home News Events Users

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

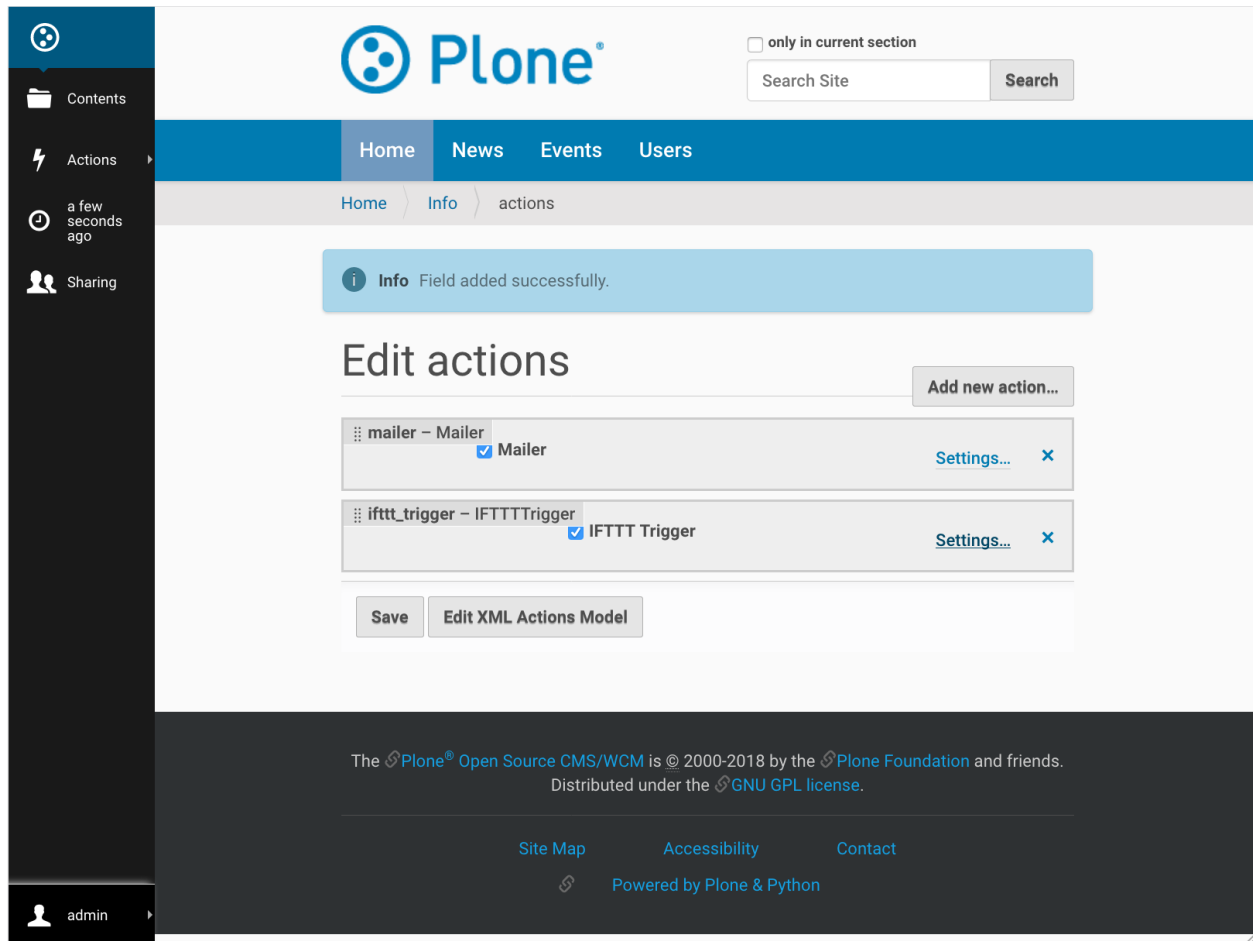
Action type •

- ✓ Custom Script
- IFTTTTrigger
- Mailer
- Save Data

Add

admin

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



5. Configure the action and click *Save*:

- Provide the *IFTTT event name* you want to use - note that this will be used in the URL sent to trigger IFTTT, so it must be a URL-friendly name (no spaces or special characters)
- 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

Now upon every successful submission of the form, the data in the selected form fields will be sent to IFTTT as the event payloads.

1.11 Working Example of Applets and Triggers

This document will guide you through a working example of collective.ifttt trigger with an IFTTT applet.

In this demonstration we create an *IFTTT User Trigger* at the news folder for an applet that posts to the *Google Sheets* when any object is modified at news.

Note:

1. An IFTTT *applet* can be assigned to multiple *triggers* and multiple triggers can be assigned to a folder. 2. A trigger is only assigned to a folder and it's subfolder.

1.11.1 Create IFTTT Applet

Follow below instruction to create an IFTTT Applet:

- Signup for a [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 for `Webhooks` and select it.
- On Choose trigger screen click on `Receive a web request`
- Enter the Event Name: `collective_ifttt_edits` and hit `create trigger`.
- Click +that
- Action service - search for and choose `Google Sheets`
- On Choose action screen click `Add row to spreadsheet`
- **Fill action fields and click hit create action.** For payload values refer to documetation of respected Trigger. For example, here we are creating `User Trigger`, so `value1` is `Title`, `value2` is `Url` and `value3` is `Username` of the modified the content.

Spreadsheet name

IFTTT_Maker_Webhooks_Events

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

Add ingredient

Formatted row

OccurredAt	EventName
Value1	Value2

Value3

Use "|" to separate cells

Add ingredient

Drive folder path

IFTTT/MakerWebbooks/EventName

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

Add ingredient

Create action

- Connect to Google Account (if not)
- Click Authorize (it magically authorized)
- Review configuration and Click *Finish*.

This creates a new IFTTT Applet.

My Applets > Webhooks



1.11.2 Create Trigger

- To create a trigger, first, *Configure a Plone Site with an IFTTT Secret Key* (if not already).
- Next create a Trigger on any folder. In this demonstration we create a *User Trigger* on news folder with IFTTT event name as name of created applet.

The screenshot shows the Plone CMS interface. At the top, there's a Plone logo and a search bar with the text 'only in current section' and 'Search Site'. Below the logo, there's a navigation bar with 'Home', 'News', 'Events', and 'Users'. The 'News' tab is selected. Below the navigation bar, there's a breadcrumb trail 'Home > News'. The main heading is 'Add new Content and User Trigger'. Below this, there's a description: 'This will send a trigger to IFTTT when content at or below the current path is edited, including the information of who changed it.' There's a section for 'IFTTT event name' with a red dot icon and a description: 'Give the name of the IFTTT event which you want to trigger. This will be part of the IFTTT webhook URL so should not contain white space or special characters - for example mysite_modified.' Below this is a text input field containing 'collective_ifttt_edits'. There's a section for 'Content Types' with a red dot icon and a description: 'Select the content types to restrict this event to'. Below this is a dropdown menu showing 'x News Item'. At the bottom of the form are 'Add' and 'Cancel' buttons. The footer contains the Plone Foundation copyright notice and links for 'Site Map', 'Accessibility', and 'Contact'. The user 'admin' is logged in.

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 the IFTTT event which you want to trigger. This will be part of the IFTTT webhook URL so should not contain white space or special characters - for example mysite_modified.

collective_ifttt_edits

Content Types • Select the content types to restrict this event to

x News Item

Add Cancel

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Site Map Accessibility Contact

Powered by Plone & Python

- Modify any existing news item and see the magic.

Plone

only in current section

Search Site Search

Home News Events Users

Home > News > This will trigger IFTTT

Info Successfully triggered the IFTTT applet collective_ifttt_edits

Info Changes saved

This will trigger IFTTT

This will trigger IFTTT

News

This will trigger IFTTT
Aug 14, 2018

More news...

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Site Map Accessibility Contact

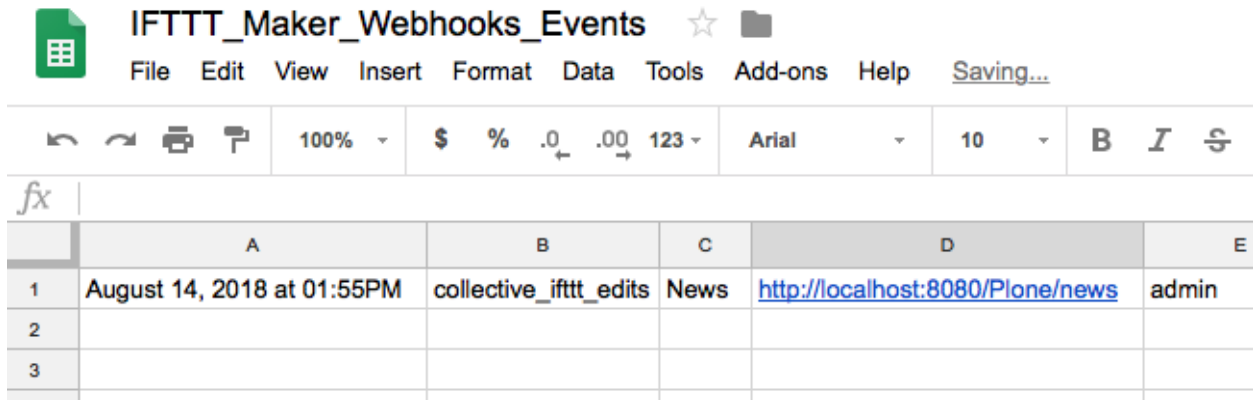
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- Required details on Google Sheets.

My Drive > IFTTT > MakerWebhooks > collective_ifttt_edits ▾

Name ↑	Owner	Last modifi...
IFTTT_Maker_Webhooks_Events	me	1:55 PM



	A	B	C	D	E
1	August 14, 2018 at 01:55PM	collective_ifttt_edits	News	http://localhost:8080/Plone/news	admin
2					
3					

1.12 Content Rule Action “Trigger IFTTT”

Plone Content Rules are a powerful mechanism to automate dealing with content using *conditions* and *actions*. A content rule will automatically perform actions when certain Plone events (known as content rule “triggers”) take place and the defined conditions are met.

Collective.ifttt contains a new content rule action, *IFTTT Trigger*, that posts an event to the IFTTT web service when a content rule is triggered and its conditions are satisfied. Content rules with this action are used to implement the folder-level triggers that collective.ifttt provides (Content Trigger, Event Trigger, etc.) If the functionality provided by these out-of-the-box triggers does not meet your needs, you can create your own content rule with the *IFTTT Trigger* action and your own conditions.

1.12.1 Creating and Defining Content Rules

Plone’s documentation provides instructions for creating content rules. Here is a simple example of a content rule to send an IFTTT trigger when a news item is modified. The resulting rule can be assigned to any folder on your site or to 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

- Fill out the form:
 - For “IFTTT event name” enter the IFTTT event which you want to trigger. Note that the event name will be used in the URL sent to the IFTTT webservice, so it must be a URL-friendly name (no spaces or special characters)
 - Choose the 3rd payload from the options provided - description, username, or event start time (which will only be used if the content triggering the action is an event).
- Click the “Save” button.

Edit IFTTT Action

[↩ Site Setup](#)

An IFTTT trigger action will execute POST request to IFTTT

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

send_email

Choose 3rd Payload • Choose whether the 3rd payload is Description of Content rule, Username of editor, or Event Start Date/time

Description/Summary of content

Save **Cancel**

1.12.2 Data Sent to IFTTT

The event sent to IFTTT will contain the following 3 payload data items from the content object that triggered the content rule:

- Title
- URL
- The 3rd payload chosen on the form