
collective.ifttt Documentation

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CHAPTER 1

Introduction

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.

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.

2.1 Enabling RSS Feeds On Plone Sites

2.1.1 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.

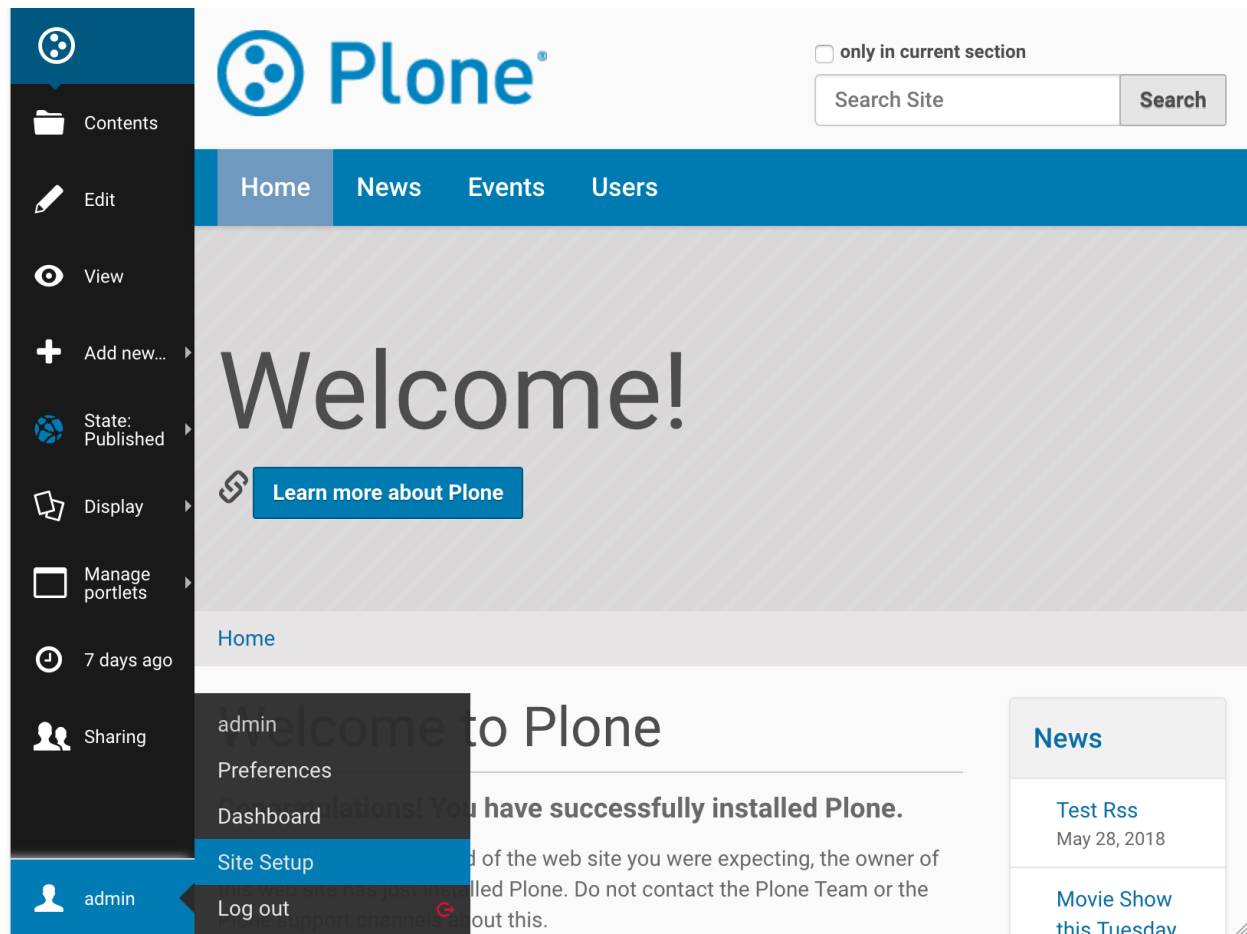
Once you have an RSS feed you can use it on IFTTT without doing anything special. (No secret key, no IFTTT trigger needed.)

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.

2.1.2 Enabling Syndication

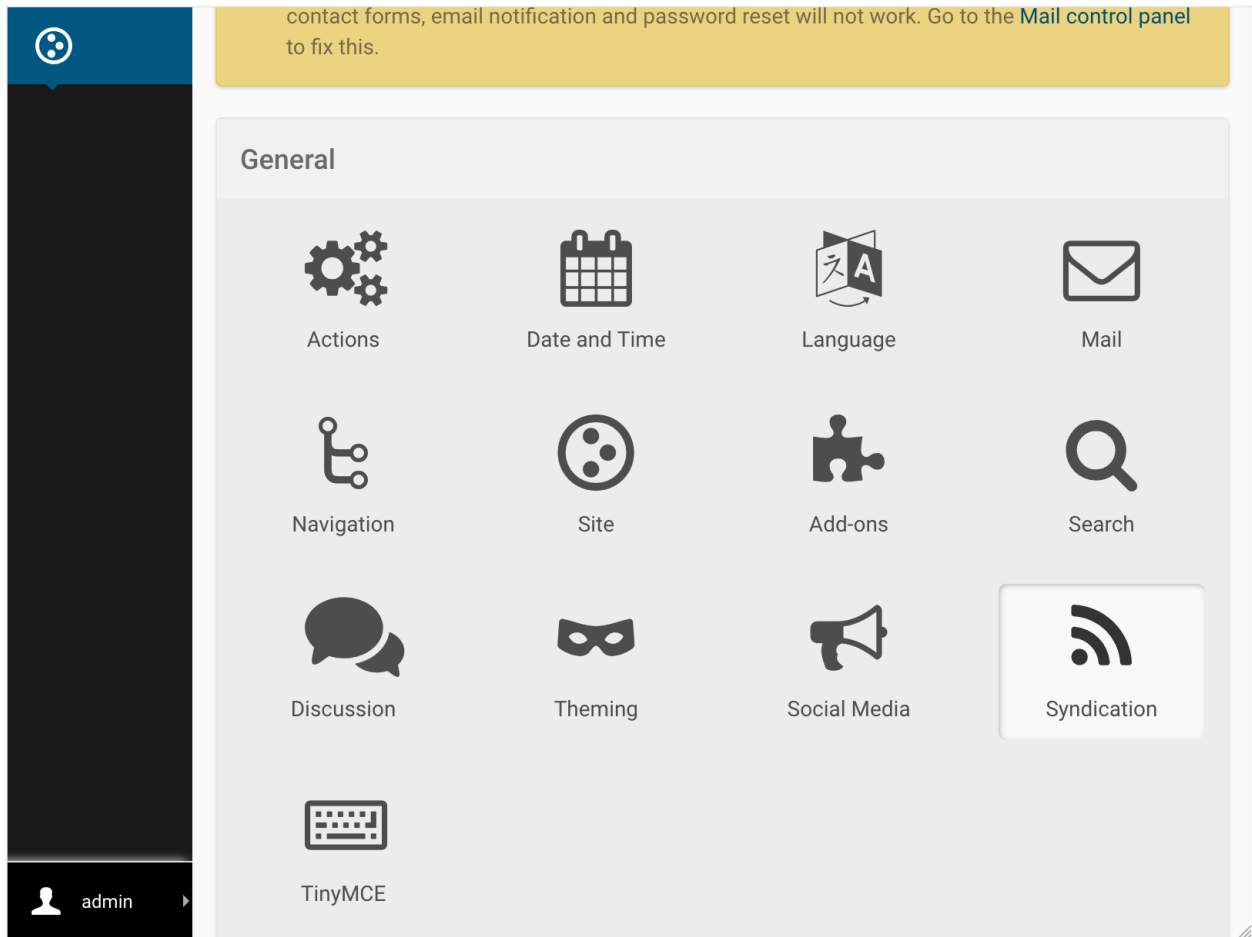
Step 1

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.

2.1.3 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.)

Plone

☐ only in current section

Search Site

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.

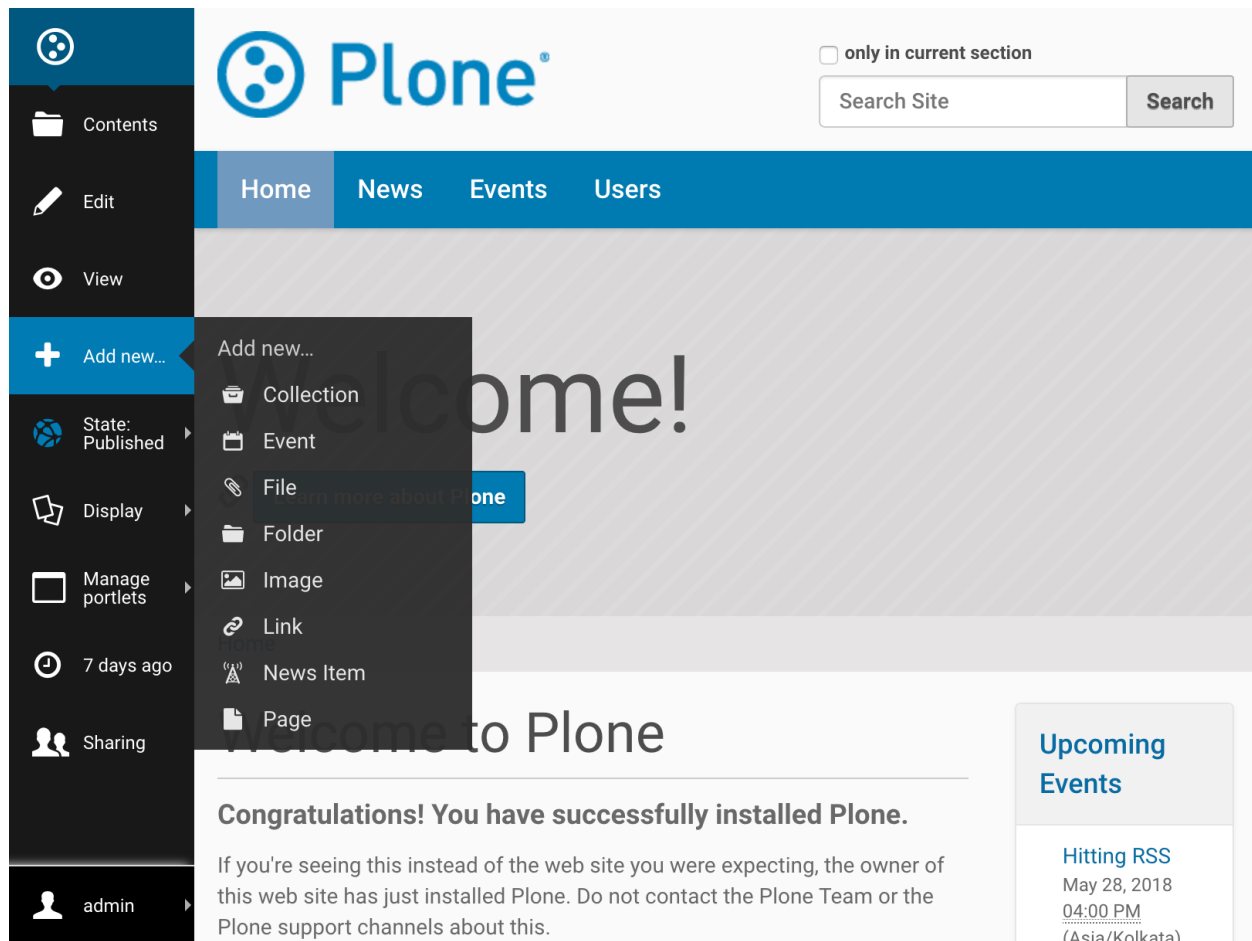
Upcoming Events

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

admin

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`.

The screenshot displays the 'Settings' tab for configuring an RSS feed. The left sidebar contains navigation options: Contents, Edit, View, State: Private, Actions, Display, Manage portlets, a few seconds ago, Sharing, and a user profile for 'admin'. The main content area has tabs for Default, Settings (selected), Categorization, Dates, and Ownership. Under the 'Settings' tab, the 'Title' field is set to 'Plone Site - Rss Feed'. The 'Summary' field is empty, with a note that it is used in item listings and search results. The 'Search terms' section includes a dropdown for 'Review state' and a 'Matches any of' dropdown. Below these, there is a search criteria field containing 'Published [published]'. The 'Sort on' dropdown is set to 'Effective date', and the 'Reversed Order' checkbox is checked. A 'Preview' section at the bottom indicates a preview of at most 10 items. On the right, a list of RSS feed items is shown: 'Test Rss' (May 28, 2018), 'Movie Show this Tuesday' (May 21, 2018), and 'Starboy Vs Khaleesi' (May 21, 2018), with a 'More news...' link at the bottom.

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.

The screenshot shows the Plone web interface. At the top, there's a blue 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 'Add Collection'. It features a tabbed interface with tabs for Default, Settings, Categorization, Dates, and Ownership. The 'Default' tab is active, showing options for 'Allow discussion' (set to 'No value'), 'Short name' (with an empty text field), and a checked checkbox for 'Exclude from navigation'. At the bottom of the form are 'Save' and 'Cancel' buttons. On the right side, there's a 'News' sidebar with a list of recent news items: 'Test Rss' (May 28, 2018), 'Movie Show this Tuesday' (May 21, 2018), and 'Starboy Vs Khaleesi' (May 21, 2018). A 'More news...' link is at the bottom of the sidebar. The bottom left corner shows the user 'admin' is logged in.

Plone®

only in current section

Search Site Search

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

Save Cancel

News

Test Rss
May 28, 2018

Movie Show this Tuesday
May 21, 2018

Starboy Vs Khaleesi
May 21, 2018

More news...

admin

Step 5

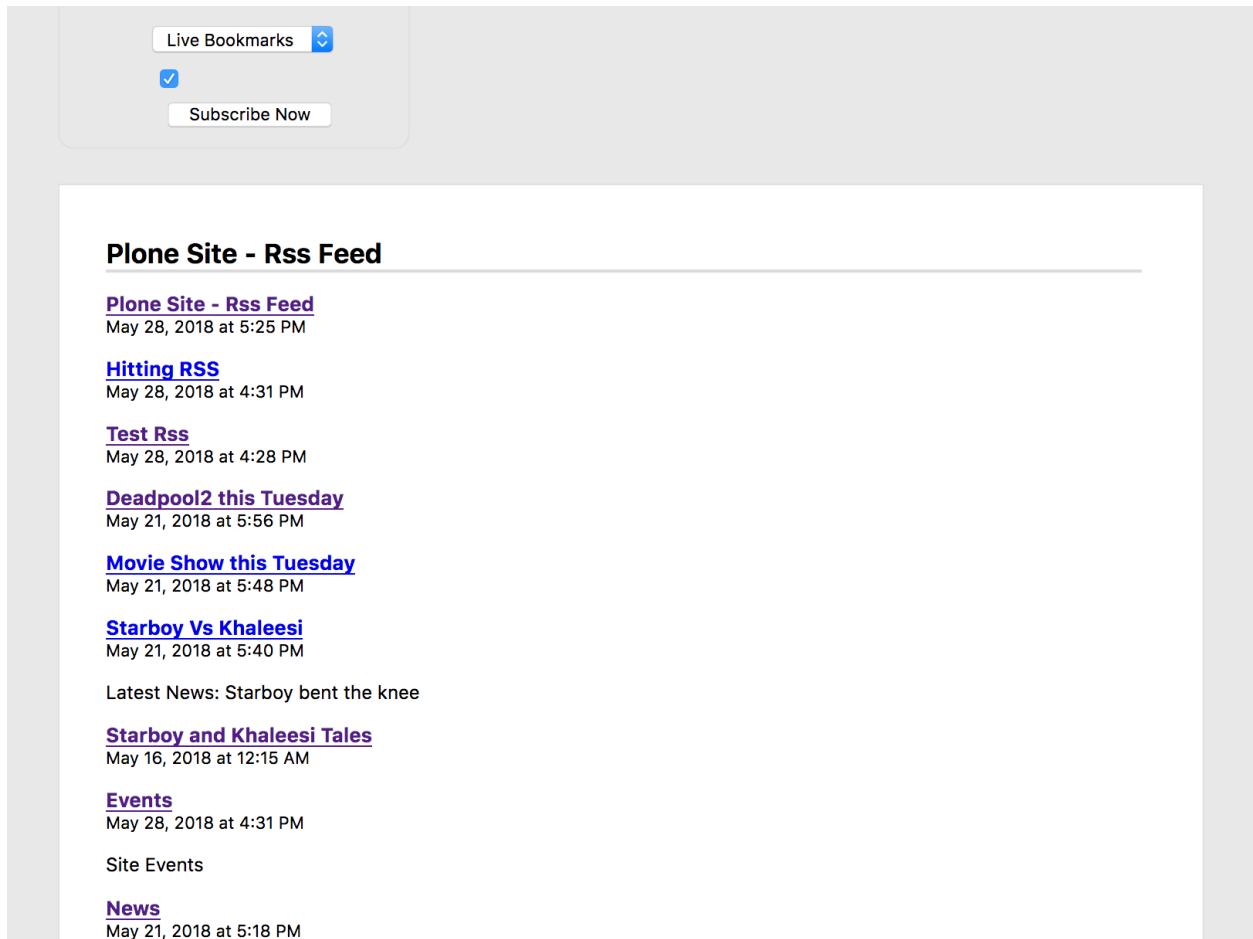
If the collection's content seems to be right, publish it using the `State` menu on the edit bar.

The screenshot displays the Plone Plone Site - RSS feed page. The page features a top navigation bar with links for Home, News, Events, and Users. A search bar is positioned in the top right corner. On the left side, there is a sidebar with navigation links: Contents, Edit, View, State: Private (with a dropdown menu showing options like Publish, Submit for publication, and Advanced...), Actions, Display, Manage portlets, a few seconds ago, Sharing, and Syndication. The main content area shows the RSS feed with several items, each including a title, a date, and a byline. The items listed are: 'Hitting RSS' (May 28, 2018), 'Test Rss' (May 28, 2018), 'Deadpool2 this Tuesday' (May 20, 2018 to Aug 24, 2018), 'Movie Show this Tuesday' (May 21, 2018), 'Starboy Vs Khaleesi' (May 21, 2018), and 'Starboy and Khaleesi Tales' (May 28, 2018). A 'News' sidebar on the right lists 'Test Rss', 'Movie Show this Tuesday', and 'Starboy Vs Khaleesi'. The bottom of the page shows 'Latest News: Starboy bent the knee' and 'Site Events'.

2.1.4 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`. 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.

2.2 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.

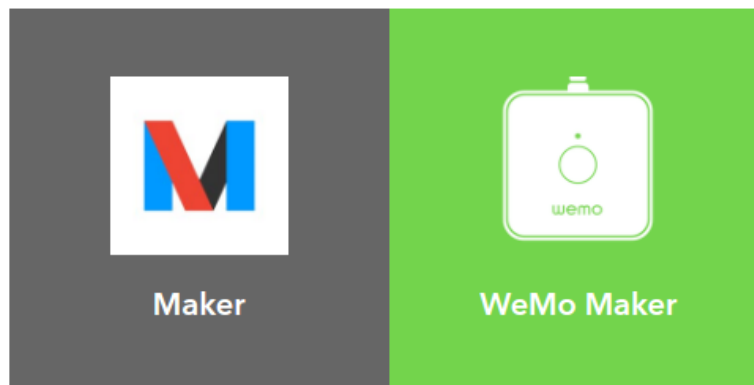
Follow the steps below to get your IFTTT secret key and save it in your Plone site.

2.2.1 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'.)

 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>

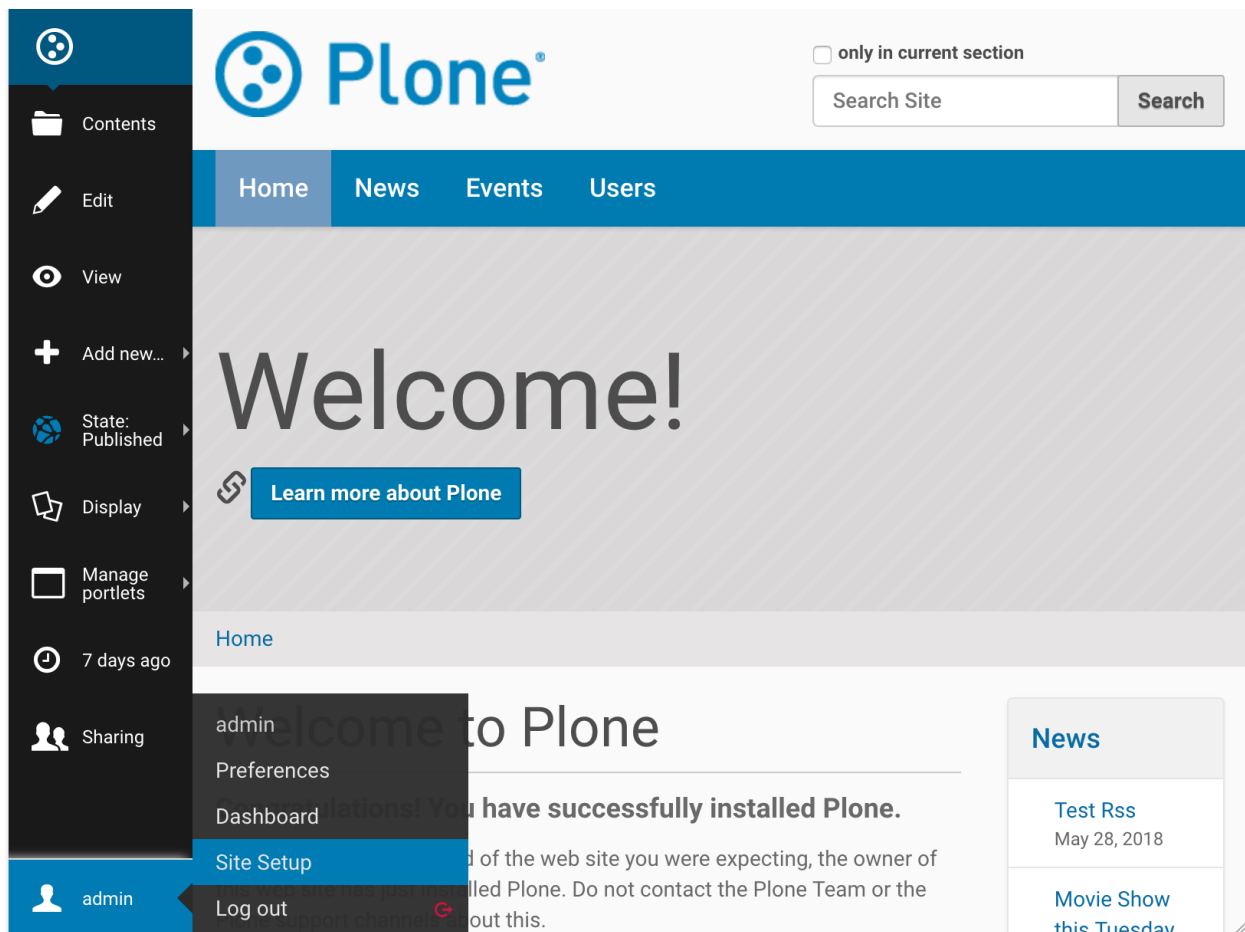
Status: **active**

This is your key

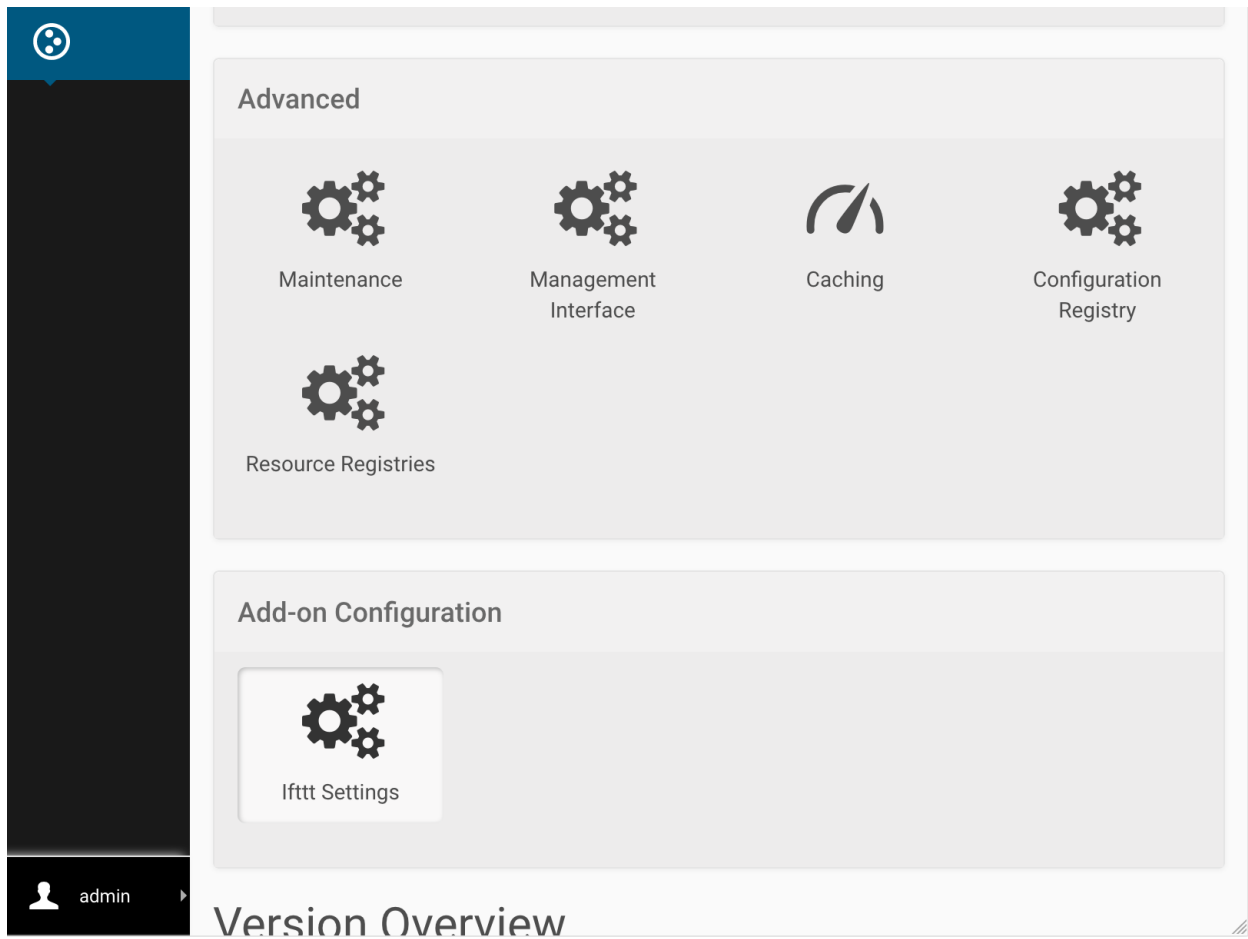
[Edit connection](#)

2.2.2 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.

The screenshot shows the Plone web interface. At the top, there's a Plone logo and a search bar with the text "Search Site" and a "Search" button. Below the logo, there's a navigation bar with links: Home, Welcome to Plone, News, Events, and Users. The "Home" link is highlighted. Below the navigation bar, there's a "Home" breadcrumb. The main content area is titled "Ifttt Settings" and includes a "Site Setup" button. The "Secret Key" field is highlighted with a blue border and contains the text "bWs5lMeYu4KFBakuDxGKzW". Below the field are "Save" and "Cancel" buttons. On the right side, there's a "Site Setup" sidebar with a "General" section and a list of settings: Actions, Date and Time, Language, Mail, Navigation, Site, Add-ons, Search, Discussion, and Theming. The bottom left corner shows a user profile icon and the name "admin".

Plone

☐ only in current section

Search Site Search

Home Welcome to Plone News Events Users

Home

↩ Site Setup

Ifttt Settings

Secret Key • Register Ifttt's secret key

bWs5lMeYu4KFBakuDxGKzW

Save Cancel

Site Setup

General

- Actions
- Date and Time
- Language
- Mail
- Navigation
- Site
- Add-ons
- Search
- Discussion
- Theming

admin