



Rotterdam
community
solutions

RCS Liferay Twitter Portlet

Installation Guide

Document Revisions

Date	Revision	By
2015/03/16	1	Ron Wesenbeek

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General Description

Twitter is one of the most used applications to share your activities with the rest of the world. This portlet makes it very easy to put your twitter feeds on a page and style them to your needs.

Installation and configuration is simple and provides powerful features such as storing tweets in your local database and style them just like you are used to in Liferay.

This application consists of three portlets. Two portlets that will be displayed in the Control Panel, for configuration purposes. And another portlet that will display the tweets in any page we want.

Installation

Deploy the RCS Twitter portlet into your portal. There are several ways to accomplish this. Here is one.

1. Log in as an admin user and go to **Control Panel**.
2. Click on **Apps** → **App Manager** → **Install**.
3. Click on **File Upload**, then **Browse** and search for the RCS twitter war file.

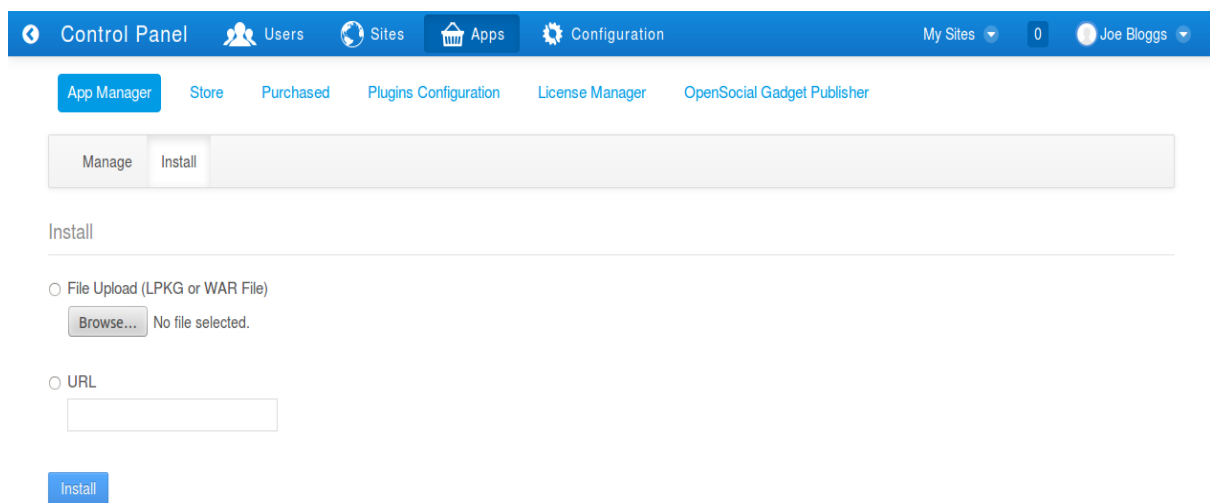


Fig 1: App Manager

Once the war is selected, click on the **Install** button.

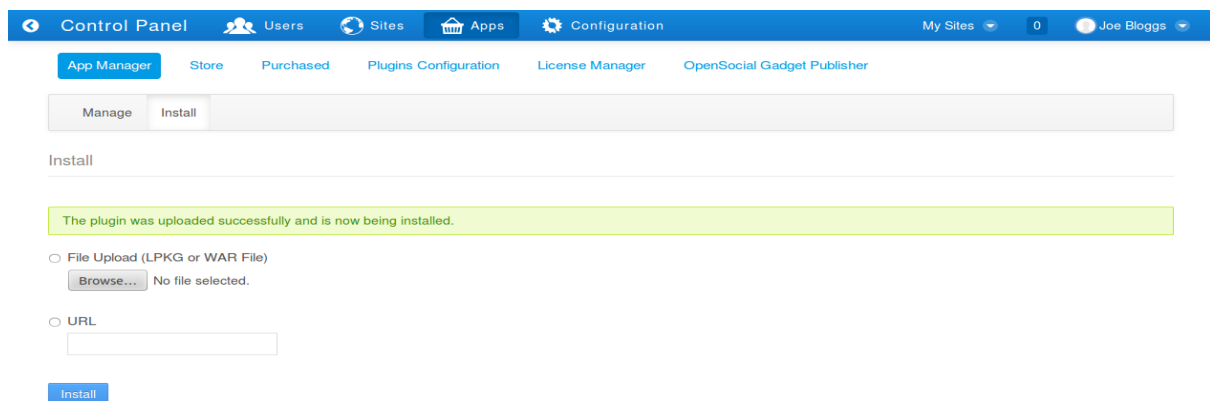


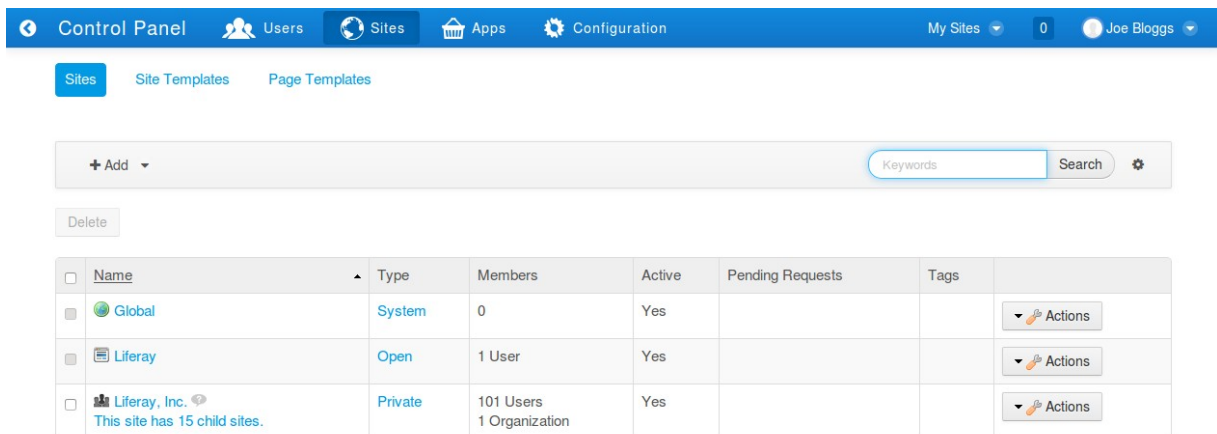
Fig 2: Upload a new WAR file.

Once the portlet is installed you can start configuring it.

Configuration

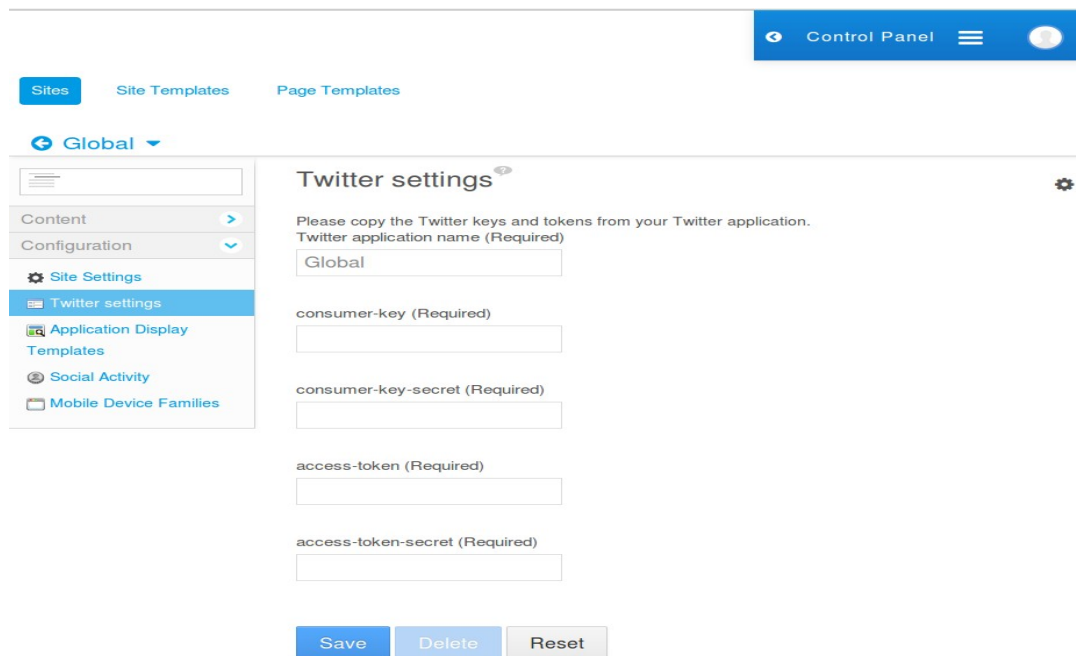
Configure the RCS Twitter settings

In the **Control Panel**, click on **Sites** (on the dockbar), and then click on the site name below



The screenshot shows the 'Control Panel' interface with the 'Sites' tab selected. A table lists the following sites:

Name	Type	Members	Active	Pending Requests	Tags	Actions
Global	System	0	Yes			Actions
Liferay	Open	1 User	Yes			Actions
Liferay, Inc. This site has 15 child sites.	Private	101 Users 1 Organization	Yes			Actions



The screenshot shows the 'Twitter settings' configuration page for the 'Global' site. The left sidebar contains a menu with 'Twitter settings' selected. The main content area contains the following fields:

- Twitter application name (Required): Global
- consumer-key (Required):
- consumer-key-secret (Required):
- access-token (Required):
- access-token-secret (Required):

At the bottom, there are three buttons: Save, Delete, and Reset.



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Go to <https://apps.twitter.com/> and log in with your twitter account.

Copy and paste the keys and secrets to your portlet settings.

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Test OAuth

[Details](#) [Settings](#) [Keys and Access Tokens](#) [Permissions](#)

Application Settings

Keep the "Consumer Secret" a secret. This key should never be human-readable in your application.

Consumer Key (API Key) [REDACTED]

Consumer Secret (API Secret) [REDACTED]

Access Level Read and write ([modify app permissions](#))

Owner [REDACTED]

Owner ID [REDACTED]

Application Actions

Regenerate Consumer Key and Secret

Change App Permissions

Your Access Token

This access token can be used to make API requests on your own account's behalf. Do not share your access token secret with anyone.

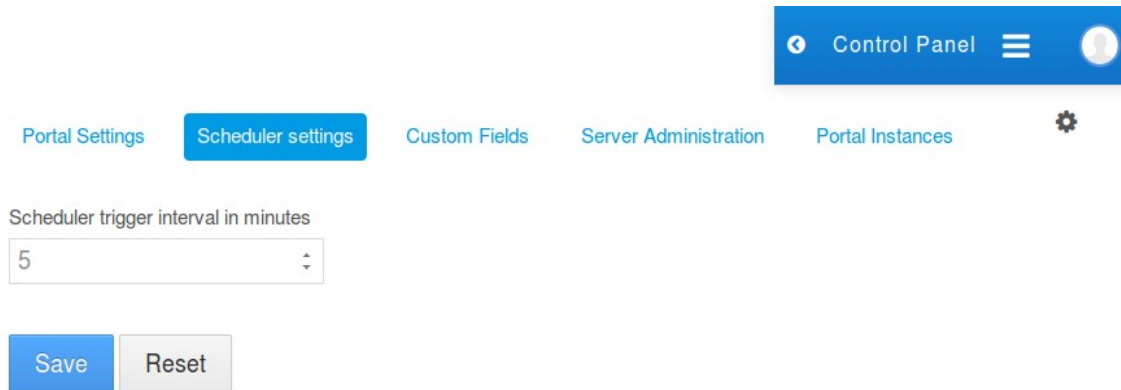
Access Token [REDACTED]

Access Token Secret [REDACTED]

Configure the RCS Twitter scheduler

By default the scheduler is getting tweets every five minutes and stores them in your database.

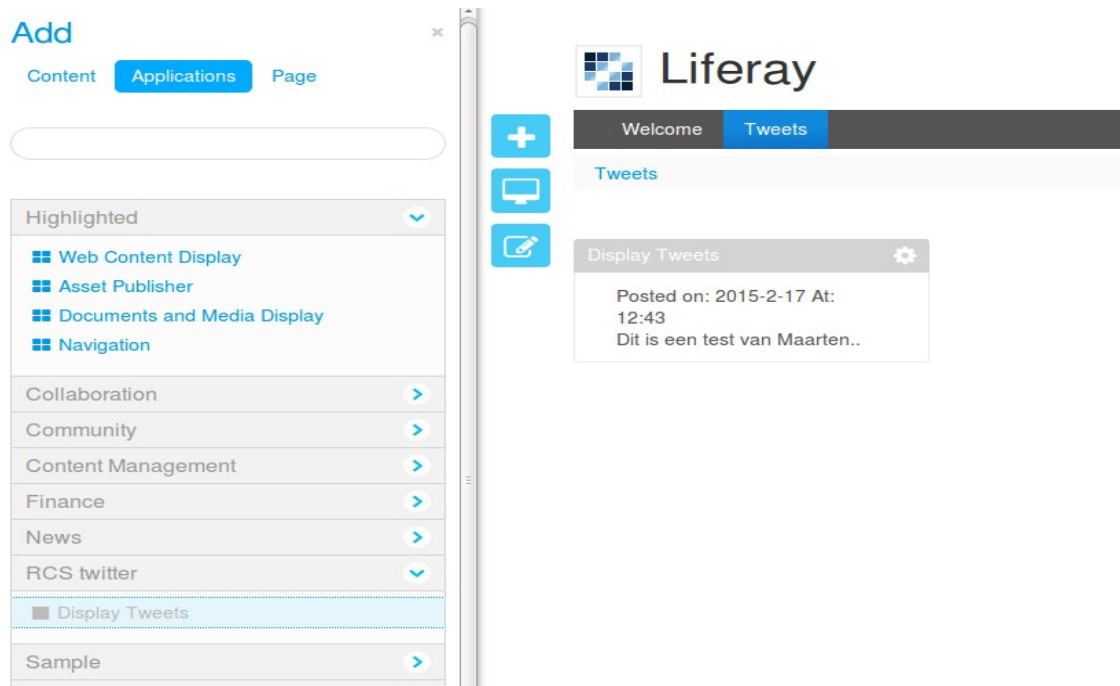
You can change this with the Scheduler settings portlet: go to Configuration panel – Configuration – Scheduler Settings:



The screenshot shows the 'Control Panel' interface. At the top right is a blue bar with 'Control Panel', a hamburger menu icon, and a user profile icon. Below this is a navigation bar with five tabs: 'Portal Settings', 'Scheduler settings' (which is highlighted in blue), 'Custom Fields', 'Server Administration', and 'Portal Instances'. To the right of these tabs is a gear icon. Under the 'Scheduler settings' tab, the text 'Scheduler trigger interval in minutes' is displayed above a text input field containing the number '5'. Below the input field are two buttons: a blue 'Save' button and a grey 'Reset' button.

Configure the Display Tweets portlet

Add the Display Tweets portlet to your page to show your Tweets.



The screenshot shows the Liferay portal interface. On the left, the 'Add' portlet menu is open, displaying a list of portlets under the 'Applications' tab. The 'Display Tweets' portlet is highlighted. On the right, a page titled 'Liferay' is shown with a 'Tweets' tab selected. Below the tab, a 'Display Tweets' portlet is visible, displaying a tweet from Maarten..

Add

Content Applications Page

Highlighted

- Web Content Display
- Asset Publisher
- Documents and Media Display
- Navigation

Collaboration >

Community >

Content Management >

Finance >

News >

RCS twitter >

Display Tweets

Sample >

Liferay

Welcome Tweets

Tweets

Display Tweets

Posted on: 2015-2-17 At: 12:43
Dit is een test van Maarten..

By clicking on Options – Configuration the Configuration window will open.

Display Tweets - Configuration

Setup
Permissions
Sharing

Archive/Restore Setu

Number of tweets to loop

3

Delay in milliseconds in tweets to loop

2000

open-element

```
<div id="twitterfeed">
```

close-element

```
</div>
```

template-per-tweet

```
Posted on: {posted_on_year}-
{posted_on_month}-
{posted_on_day} At:
{posted_on_time}<br />{text}
```

Save
Reset

Use the open- and close elements and CSS to style your portlet.
Use the template to manipulate the contents of tweets to show.