



Twitter Timeline Portlet Guide

Version 2.0.0



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1 Introduction

1.1 Overview

Twitter Timeline Portlet can be used to display tweets of the user. This is achieved through integration of twitter4j API provided by Twitter. User can add his Handle (Twitter Username) and No of tweets he/she wants to see; the default value would be 10.

1.2 Compatibility

This component is dependent on Liferay Portal. We have tested this component for following version(s) of Liferay Portal.

- Liferay 6 .2 ee ga1

1.3 Technology Details

This component is developed based on following technologies, frameworks and libraries.

- Liferay Portal

1.4 References

<https://dev.twitter.com/>

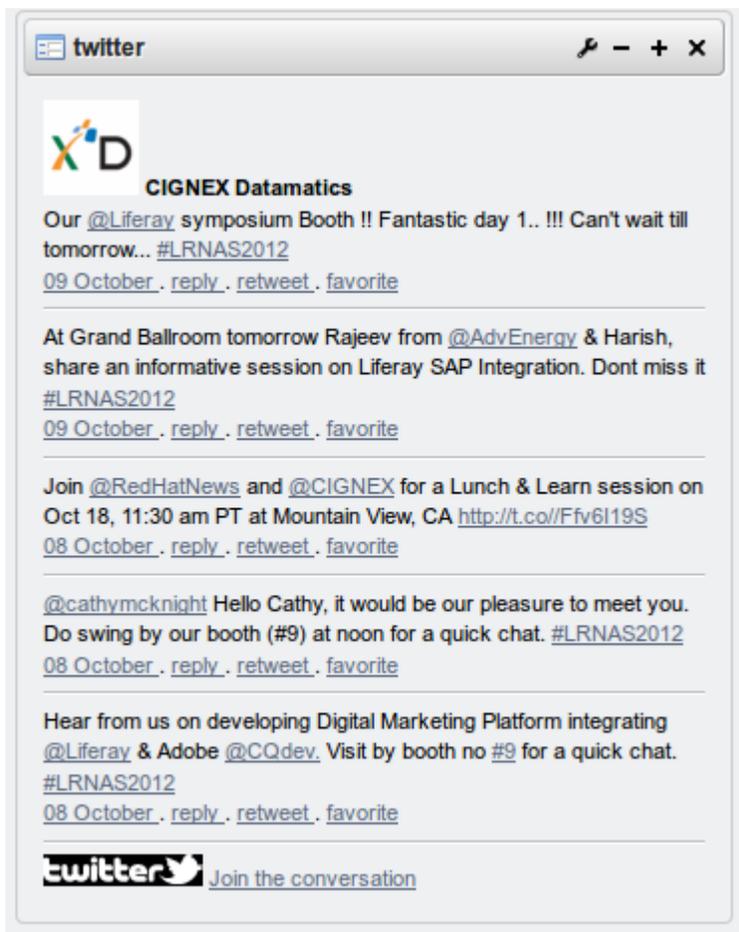
2 User Guide

2.1 Overview

Twitter Timeline Portlet helps users to instantly connect to their tweets. User can display their tweets without need for an external login.

2.2 Features

Displays Twitter Timeline of a Configured User



3 Technical Details

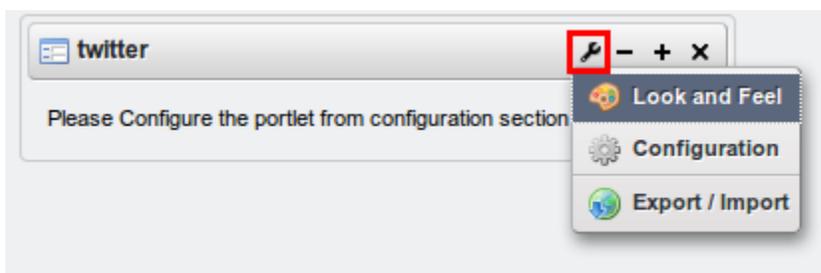
3.1 Software Component Details

In order to deploy and test this component we need following software components.

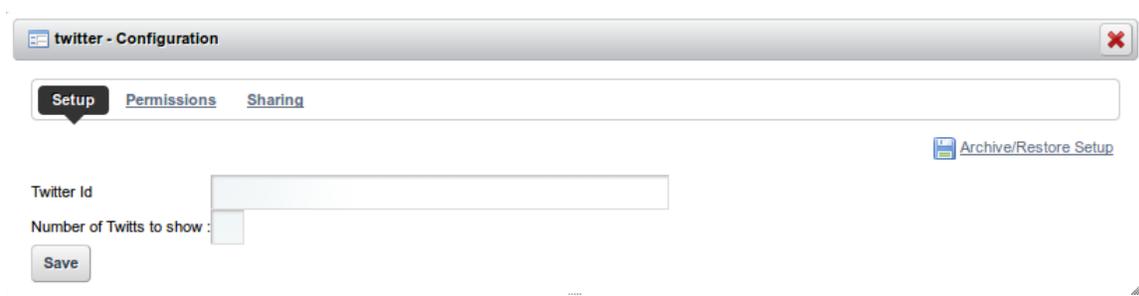
- Liferay 6 EE sp6

3.2 Configuration Details

On using this portlet for the first time on Liferay you will come across the below screen. Please goto configuration.

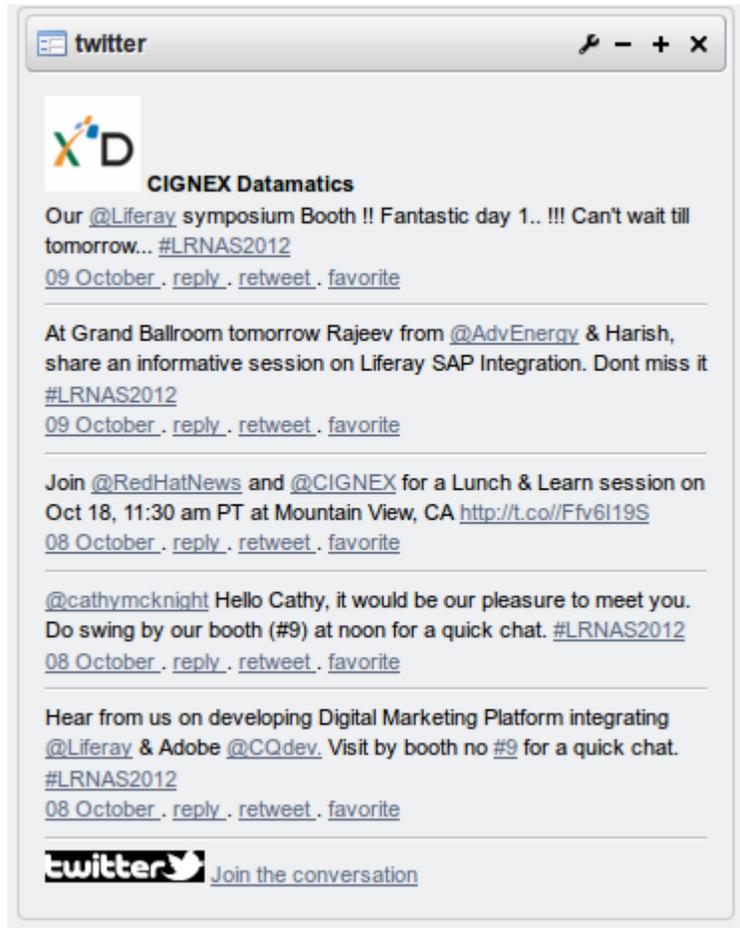


You will get following page:

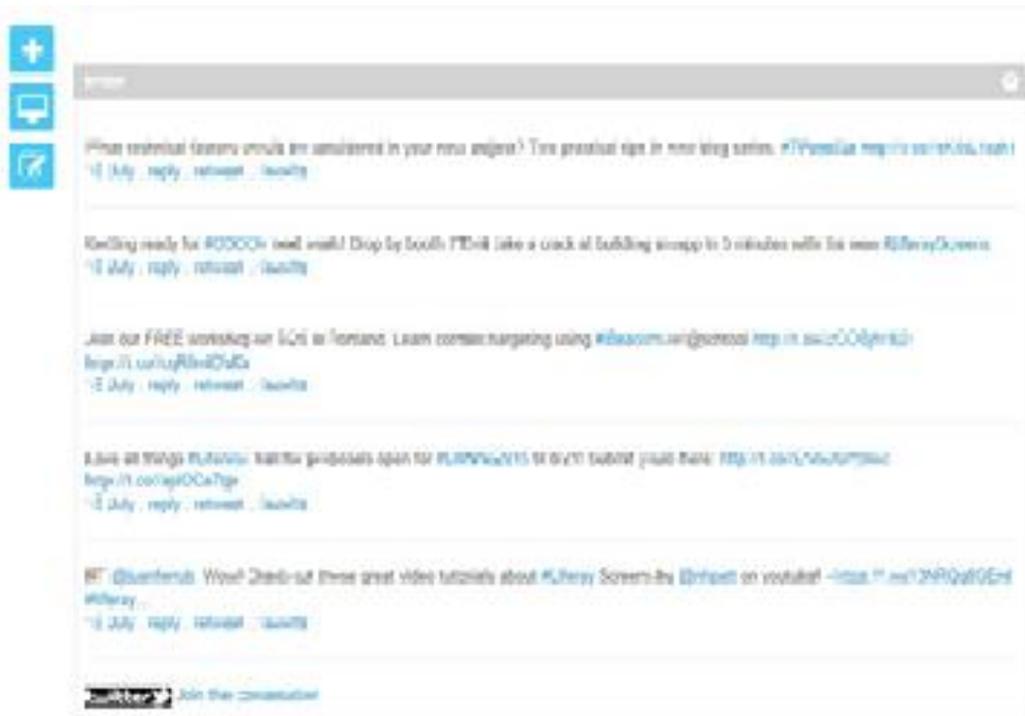


1. Provide desired twitter Username in Twitter id field and Number of tweets to show.
2. Save it and you are done!

Ex 1: Here we have entered @CIGNEX on 'twitter Id field' and 5 in 'Number of Tweets to Show Field'



Ex: Here we have entered @Liferay in 'twitter Id field' and 5 in 'Number of Tweets to Show' Field



4 Build Process

We developed this component as part of Liferay Plugin SDK. In order to build this component you need to follow following steps.

- Download and configure Liferay 6.2 EE Plugin SDK.
- Now unzip twitter-timeline-portlet-ver-1.x.x.zip file provided with the component in portlet folder of your plugin sdk.
- Now from command prompt, navigate to <PLUGIN_SDK_DIR>/portlet/twitter-timeline-portlet directory.
- Run following command.
- You will find twitter-timeline-portlet.war file in <PLUGIN_SDK_DIR>/dist directory.

5 Installation Guide

In this section we have tried to explain steps to configure all software.

5.1 JDK Installation

To set up JDK follow the below given steps.

- Login to the Linux environment using root user.
- Run the command `apt-get update` to update repository. Apt stands for Ubuntu's Advanced Packaging Tool (APT)
- Run the command `apt-get install openjdk-6-jdk` to Install the Open JDK
- Logout from root user and re-login to the Linux environment using cignex user.
- To set the `JAVA_HOME` environment variable, go to the home of Linux environment. i.e. `cd ~`
- Open `.bashrc` in text editor and add the following line at end of the file
- Export `JAVA_HOME=<JDK Installation path>`

5.2 Liferay Configuration

Installation

Download Liferay 6.2 EE GA1 addition and place it to some directory i.e. in `/opt/liferay/liferay-portal-6.2.10-ee-ga1/` directory in linux environment.

Startup and License Installation

- Goto `<LIFERAY_HOME>/tomcat-7.0.25/` and execute blow command to start Liferay.
`./bin/startup.sh`
- Now copy your license file to `<LIFERAY_HOME>/deploy` directory.

Component Installation

- Now unzip twitter-timeline-portlet-ver-1.x.x.zip file provided with the component in portlet folder of your plugin sdk.
- Copy twitter-timeline-portlet.war file to <LIFERAY_HOME>/deploy.