



Rotterdam
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RCS Liferay-Real-Time
Installation Guide



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Document Revisions

Date	Revision	By
March 28 th , 2012	1	Pablo Rendón



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General Description

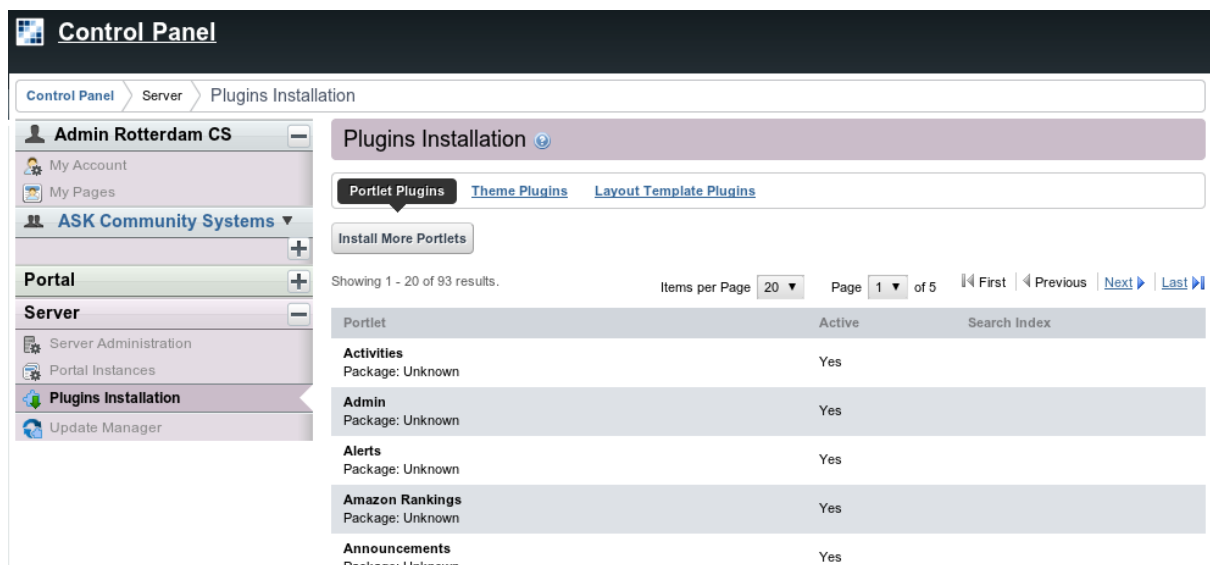
The aim of the Liferay-Real-Time portlet is to show the users navigation activity and history in an animated and interactive graphic.

for it uses the power of SENSE and some graphics libraries such as CHAP Timeline and CHAP Network. The portlet is fully configurable, scalable and can be used in any Liferay 6.1 portal.

Installation

Firs things first. Deploy the Liferay-Real-Time 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. In the left panel, under Server category select **Plugins Installation**. Plugins Installation Page is shown.
3. Select **Portlet Plugins** in the top of the page. Click on **Install More Portlets** button.



Control Panel

Control Panel > Server > Plugins Installation

Admin Rotterdam CS

- My Account
- My Pages
- ASK Community Systems
- Portal
- Server
 - Server Administration
 - Portal Instances
 - Plugins Installation**
 - Update Manager

Plugins Installation

Portlet Plugins Theme Plugins Layout Template Plugins

Install More Portlets

Showing 1 - 20 of 93 results. Items per Page 20 Page 1 of 5 First Previous Next Last

Portlet	Active	Search Index
Activities Package: Unknown	Yes	
Admin Package: Unknown	Yes	
Alerts Package: Unknown	Yes	
Amazon Rankings Package: Unknown	Yes	
Announcements Package: Unknown	Yes	

Fig 1: Portlet Plugins list.

4. Select **Upload File** in the top of the displayed page. Click on **Choose File** button, in order to get the file **portlet liferaysensePortlet.war** uploaded from your computer.

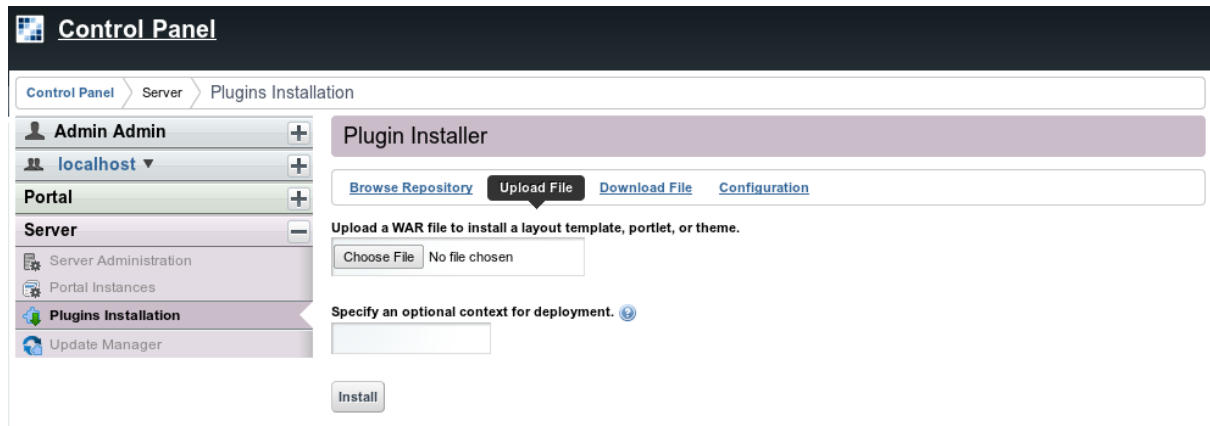


Fig 2: Upload a new WAR file.

5. Once the file is selected click on the **Install** button

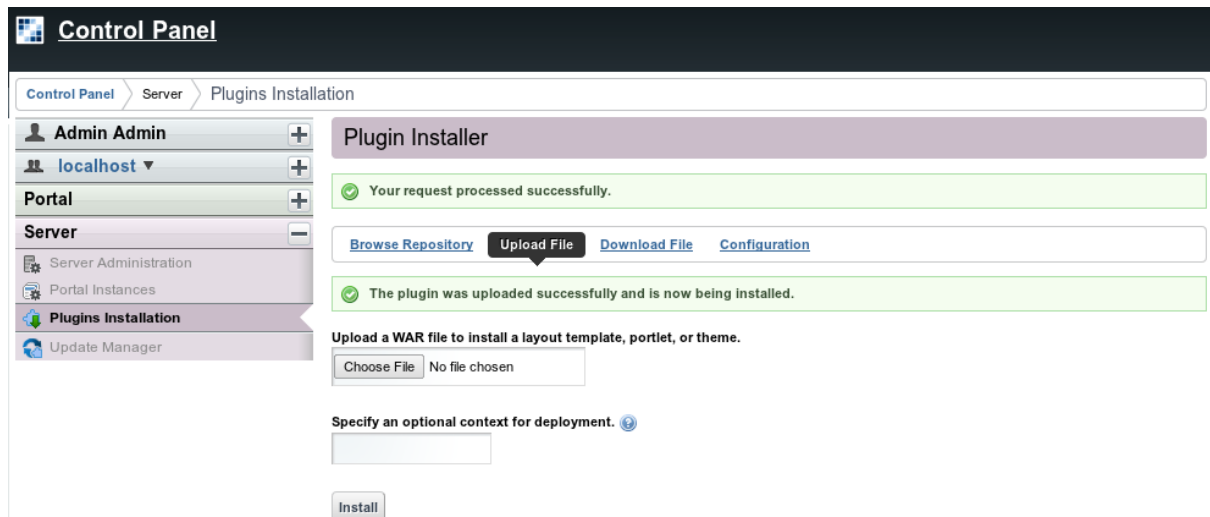


Fig 3: WAR uploaded.

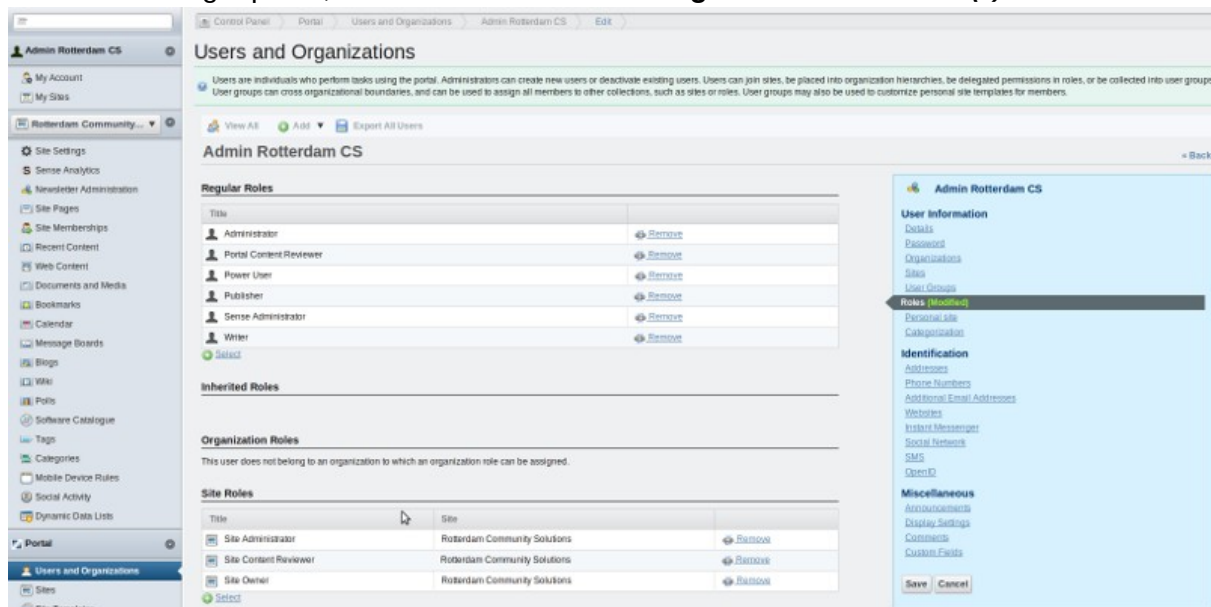
Once the portlet is installed you can start configuring it.

Configuration

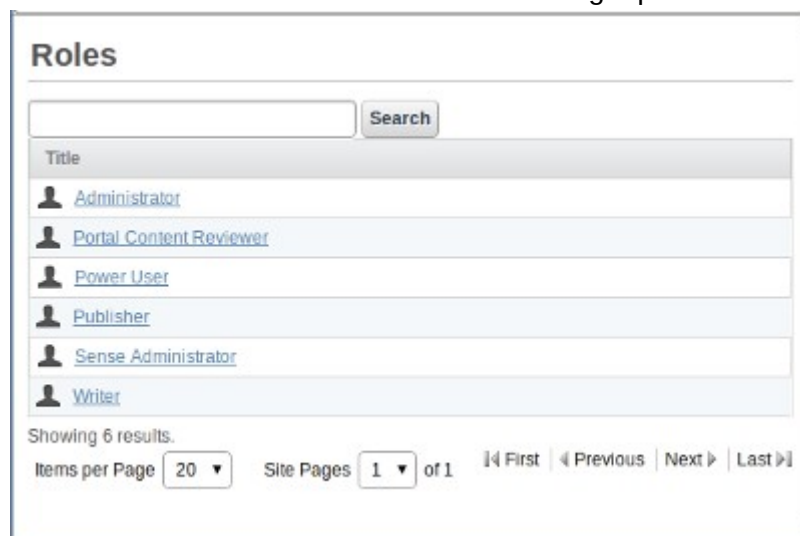
Assign Sense Administrator/s

In order to view the Liferay-Real-Time information at least one sense administrator should be assigned. When the portlet is deployed, the rol “Sense Administrator” is created, to assign the new rol to a user follow this steps:

1. Log in as an admin user and go to **Control Panel**.
2. In the left panel, under Portal category select **Users and Organizations**. And select the user to assign the rol.
3. In the right panel, select **Roles** and under **Regular Roles** click the **(+) Select** link

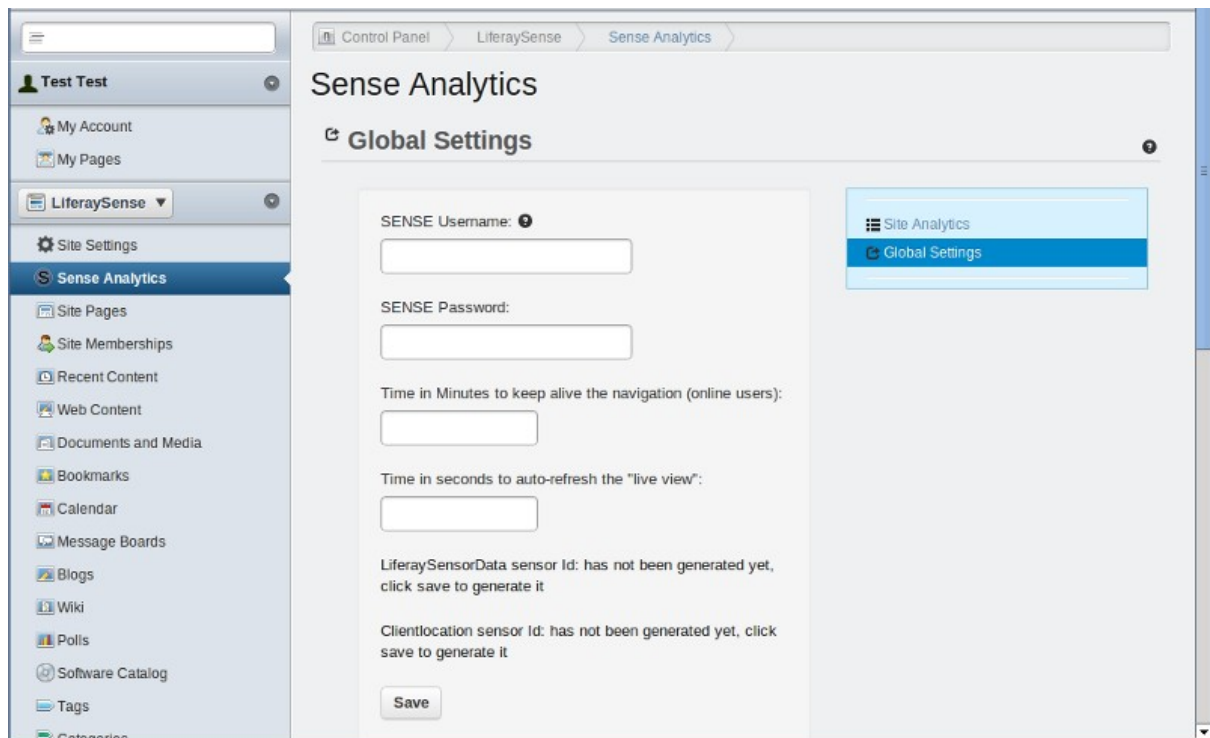


4. Select **Sense Administrator** and click save on the right panel.



Configure the Liferay-Real-Time portlet

In the left panel, under the portal name select **Liferay Real Time**.
And select **Global Settings**.



The screenshot shows the Liferay Sense Analytics interface. On the left is a navigation menu with options like 'Test Test', 'My Account', 'My Pages', 'LiferaySense', 'Site Settings', 'Sense Analytics', 'Site Pages', 'Site Memberships', 'Recent Content', 'Web Content', 'Documents and Media', 'Bookmarks', 'Calendar', 'Message Boards', 'Blogs', 'Wiki', 'Polls', 'Software Catalog', 'Tags', and 'Categories'. The 'Sense Analytics' section is expanded, showing 'Site Analytics' and 'Global Settings'. The 'Global Settings' page has a breadcrumb trail: 'Control Panel > LiferaySense > Sense Analytics'. It contains fields for 'SENSE Username', 'SENSE Password', 'Time in Minutes to keep alive the navigation (online users)', and 'Time in seconds to auto-refresh the "live view"'. Below these fields are messages about sensor IDs and a 'Save' button.

In order to store data in SENSE an account is required, enter the username and password. If you already have an account your credentials will be verified, otherwise a new account will be created.

"Time in Minutes to keep alive the navigation" is used to decide if a user is still on line or not, in other words is the time to consider the user is still on line after he enters in a page .

Recommended Value: 10

"Time in seconds to auto-refresh the live view" is the interval to reload the navigation data in the "Live view" mode.

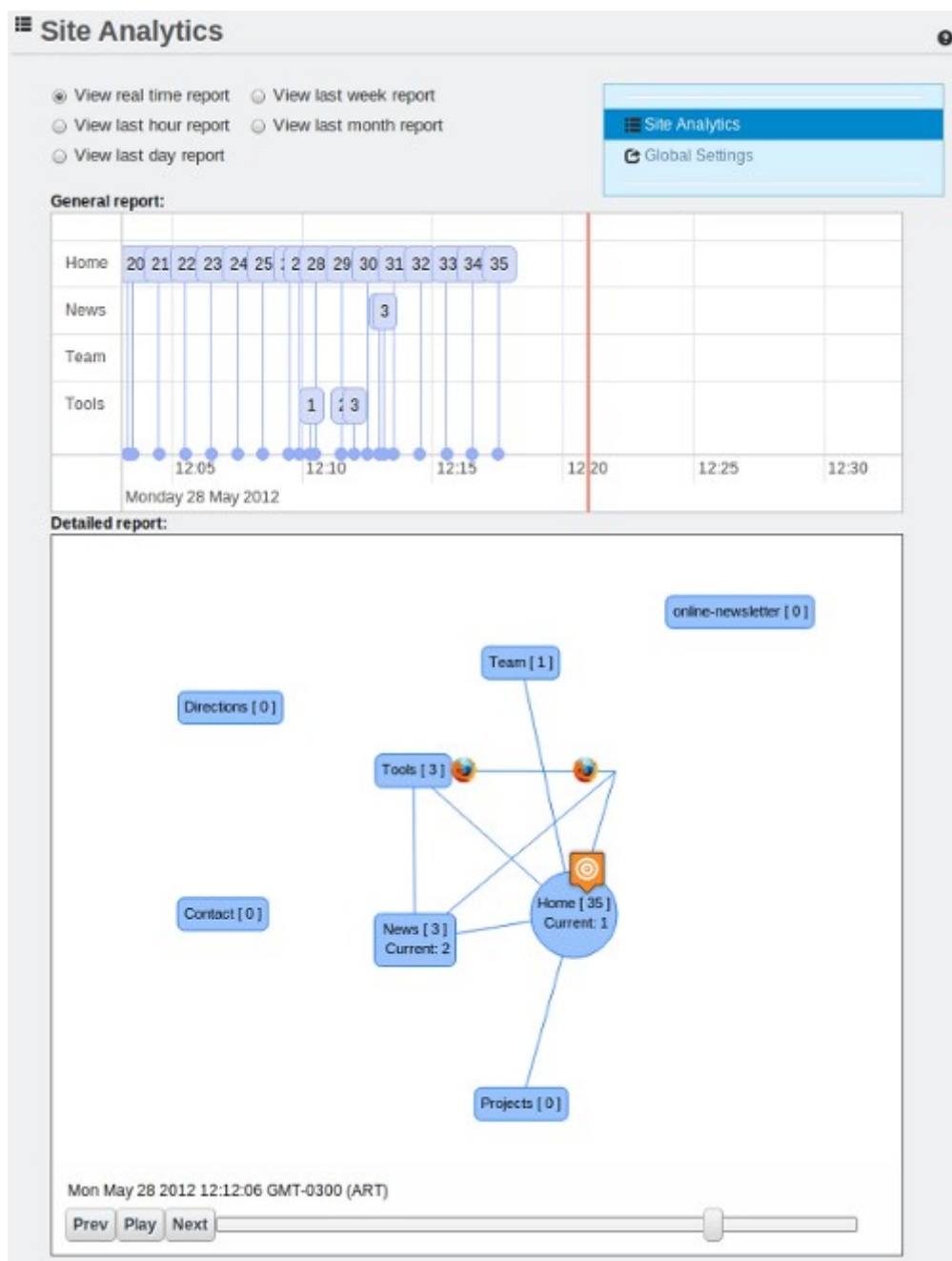
Recommended Value: 5

Finally click save button to store the configuration.

Usage

Once the portlet is installed and configured, the users navigation (front-end) start to be stored in SENSE automatically.

To see the liferay real time reports Log in as a sense administrator user and go to **Control Panel**, In the left panel, under the portal name select **Liferay Real Time**.



General Report:

The general report shows the visited pages of the portal between the selected time range as well as the amount of visitors on each page.

The first step is to select the time range to view, the options are:

Real time
Last hour
Last day
Last week
Last month

The default value is "Real time" in where both graphics are automatically refreshed, other values doesn't auto refresh the views but the detailed report range can be changed by zooming or moving the general report (use the mouse wheel to zoom and drag & drop to move)

Detailed Report:

Pages (nodes)

The detailed report shows all front-end pages of the site as nodes. Each node shows the page name, amount of visitors and current on-line visitors of that page (not showed if there are not current visitors).

When the mouse is over a node it shows detailed information of the current on-line visitors (username, browser, IP address) and a link to preview the page in a modal window.

Navigation

If there is a navigation between 2 pages In the selected time range a line and an animated icon is showed between those pages, the icon represents the used browser (Firefox, Chrome, IE or Safari).

When the mouse is over a navigation icon it shows more details of the user, such as the username, IP address, exact time of the movement and user Agent.

At the bottom of the detailed report you can find the animation controls (Play/Stop, Prev and Next)



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Change Log

Changes applied in version 1.0.0:

1 – Version 1.0.0