



**Rotterdam**  
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**RCS SENSE-Analytics**

**Installation Guide**



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## Document Revisions

Date	Revision	By
March 28 <sup>th</sup> , 2012	1	Pablo Rendón

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## General Description

The aim of this project is to show the users navigation 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

First things first. Deploy the LiferaySense 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.

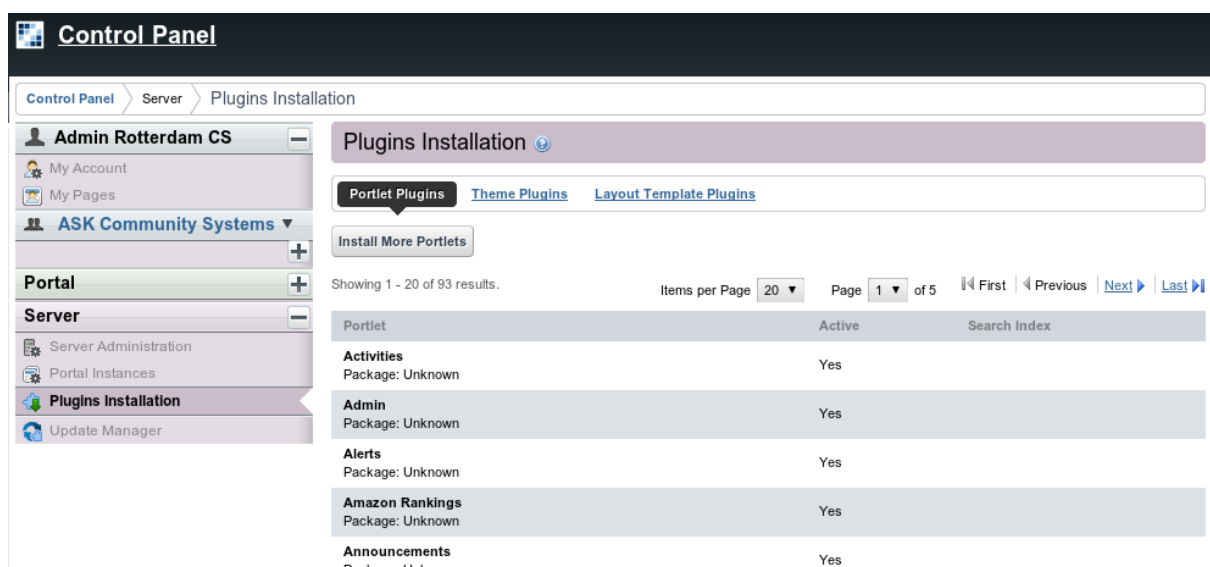


Fig 1: Portlet Plugins list.

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.

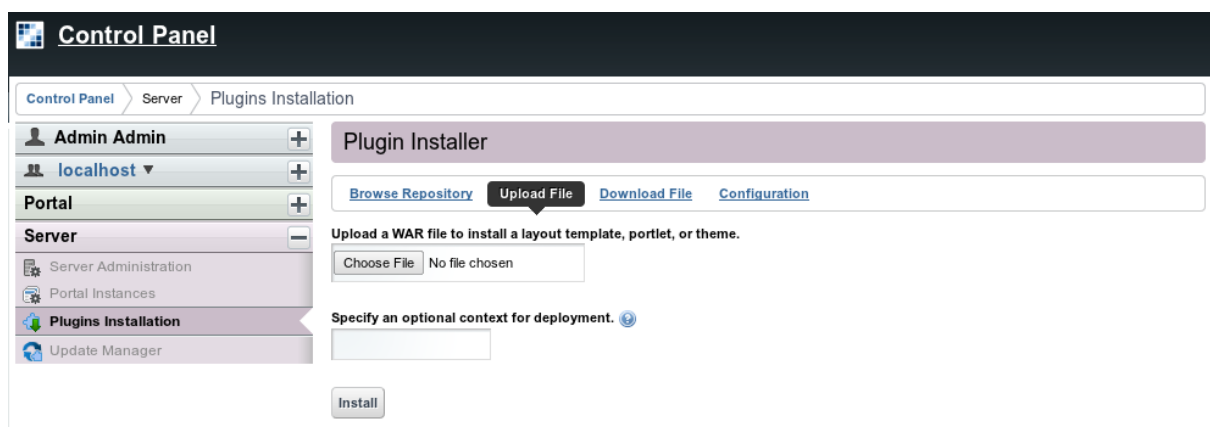


Fig 2: Upload a new WAR file.

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

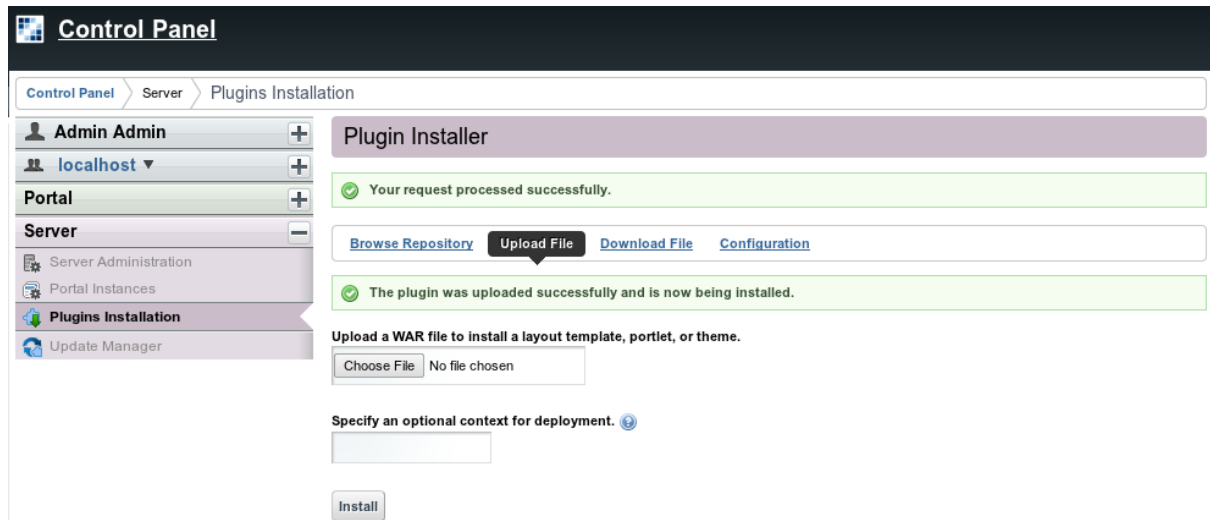


Fig 3: WAR uploaded.

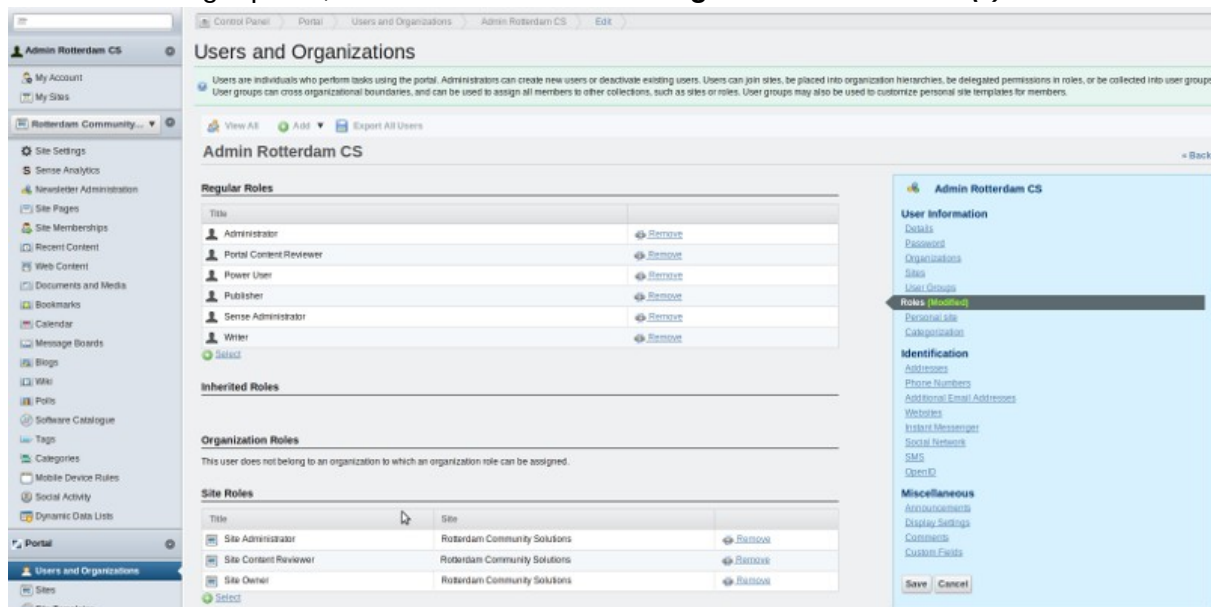
Once the portlet is installed you can start configuring it.

# Configuration

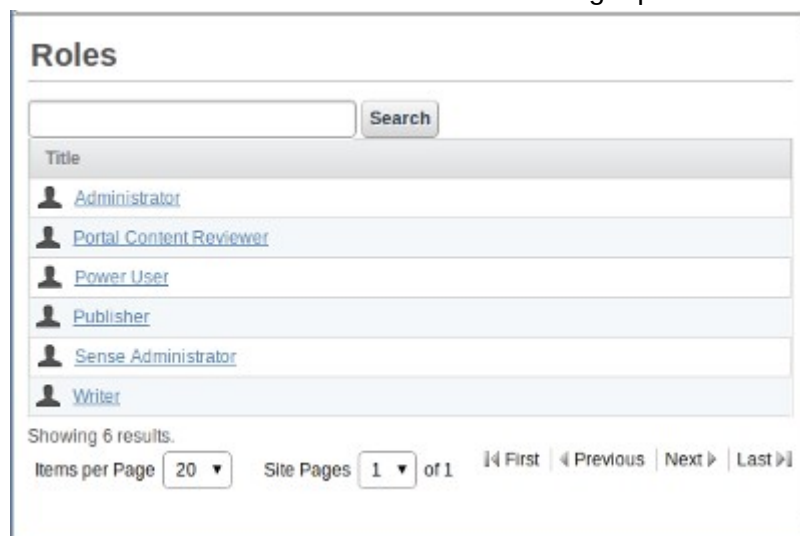
## Assign Sense Administrator/s

In order to view the Sense Analytics 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

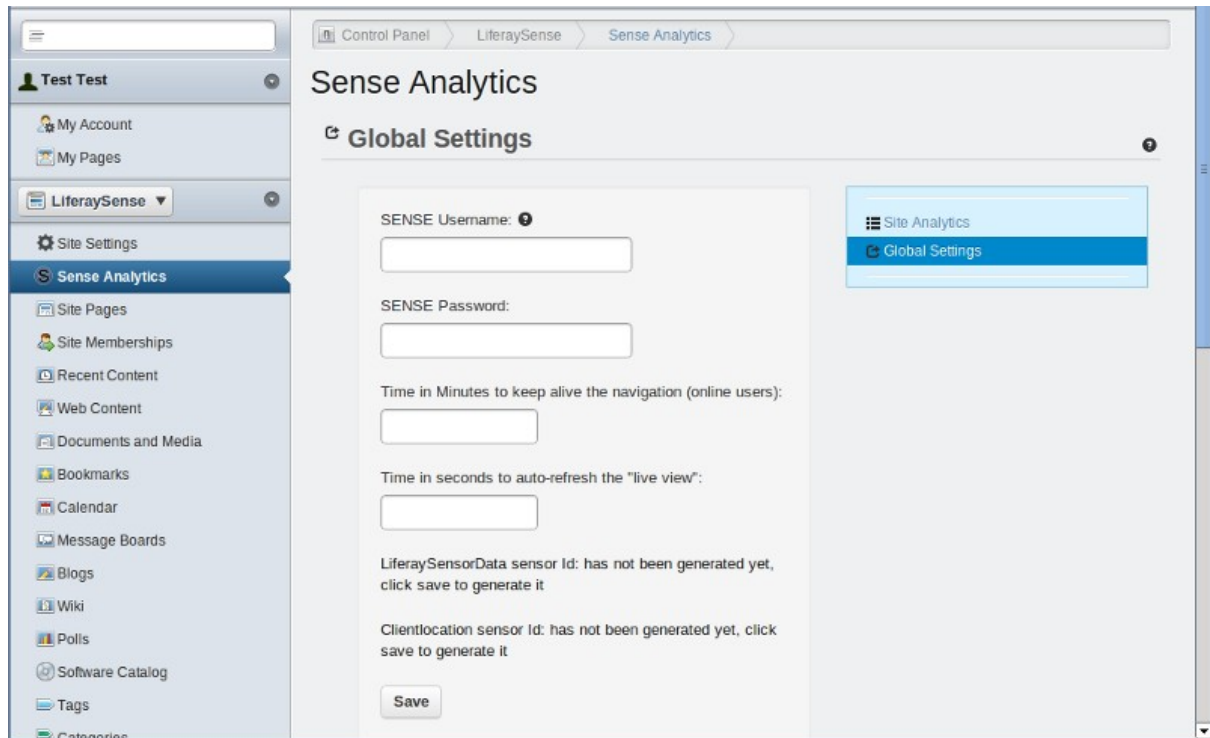


4. Select **Sense Administrator** and click save on the right panel.



## Configure the Sense Analytics portlet

In the left panel, under the portal name select **Sense Analytics**. And select **Global Settings**.



The screenshot shows the Liferay portal interface. On the left, the 'Test Test' user is logged in. The 'LiferaySense' dropdown menu is expanded, showing various portlets. 'Sense Analytics' is selected. The main content area displays the 'Sense Analytics' portlet with the 'Global Settings' tab active. The settings form includes:

- SENSE Username:** A text input field.
- SENSE Password:** A password input field.
- Time in Minutes to keep alive the navigation (online users):** A text input field.
- Time in seconds to auto-refresh the "live view":** A text input field.
- LiferaySensorData sensor Id:** A message stating it has not been generated yet and to click save to generate it.
- Clientlocation sensor Id:** A message stating it has not been generated yet and to click save to generate it.
- Save:** A button to save the configuration.

On the right side of the settings area, there is a sidebar with two options: 'Site Analytics' and 'Global Settings', with 'Global Settings' being the active selection.

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*

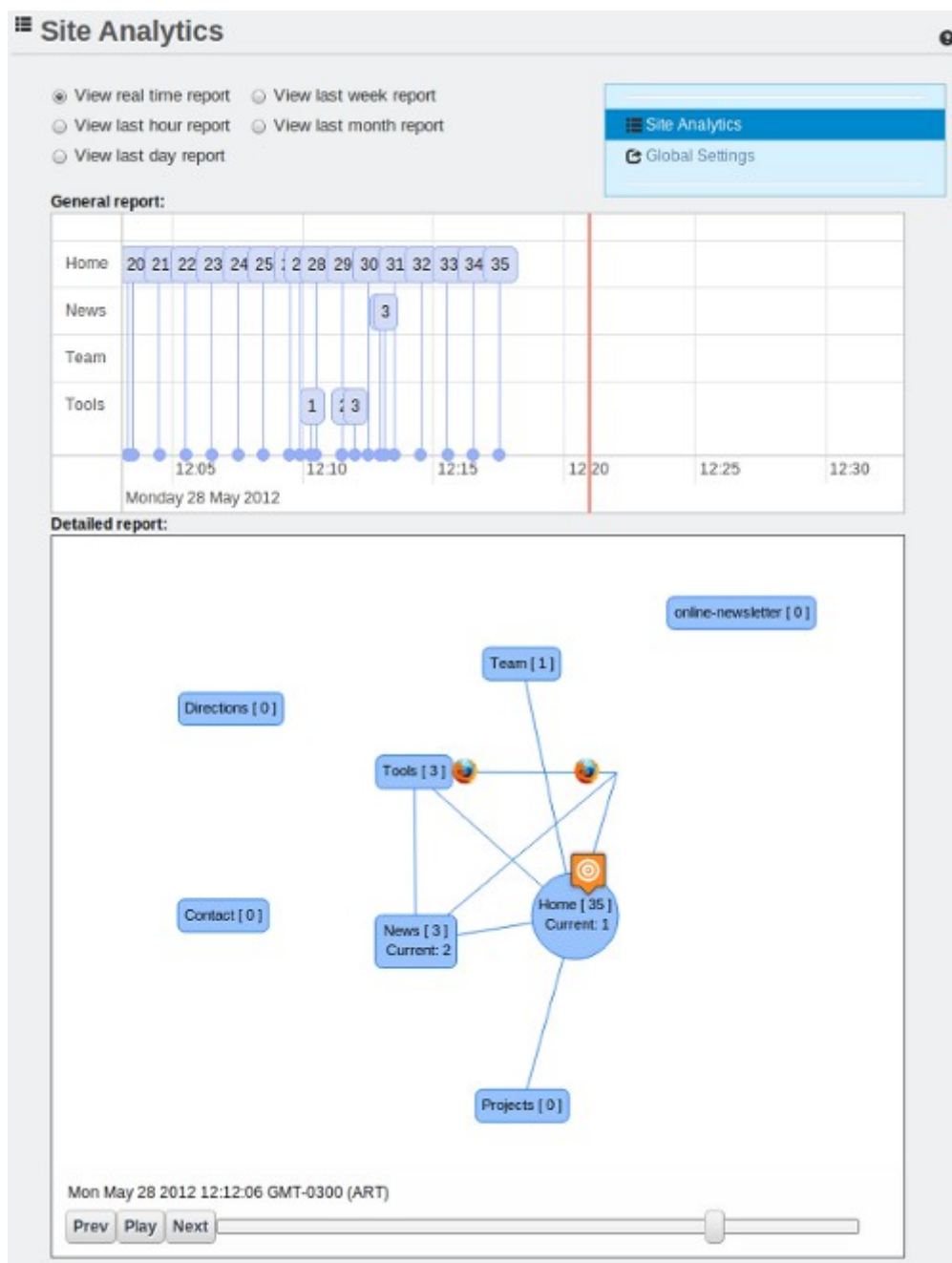
Finally click save button to store the configuration.



## Usage

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

To see the sense analytics reports Log in as a sense administrator user and go to **Control Panel**, In the left panel, under the portal name select **Sense Analytics**.



## 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