



Rotterdam
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**RCS Liferay Google
Analytics Portlet
Installation Guide**



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Document Revisions

Date	Revision	By
07/02/12	1	Pablo Rendón



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General Description

One of the most important tools for a website administrator are the statistics, **Google Analytics** is one of the best options and this Portlet provides a simple but powerful integration between Liferay and Google Analytics, showing the most relevant information from Google Analytics within the Liferay administration panel.

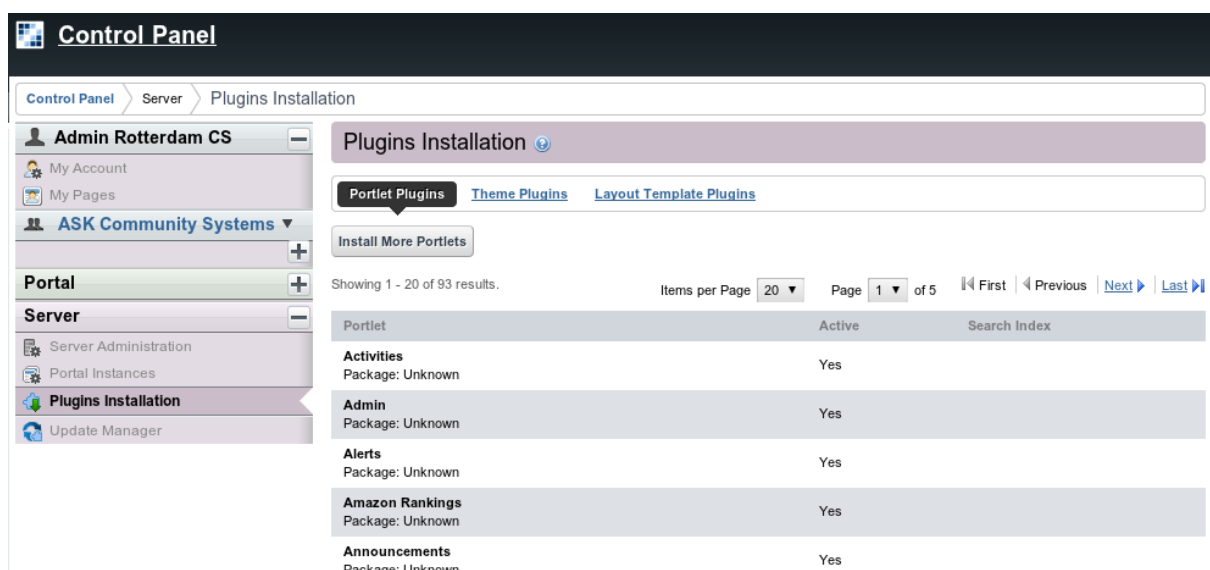
Installation and configuration is simple and provides powerful features such as comparison of statistics between different dates, selection of different Google Analytics accounts, properties and profiles.

The Dashboard shows information such as amount of visitors, unique visitors, Type of visitors (New or Returning), Traffic Sources among other.

Installation

Deploy the Liferay-Google-Analytics 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 rcs-liferayGoogleAnalytics-portlet-6.1.1.0.war** uploaded from your computer.

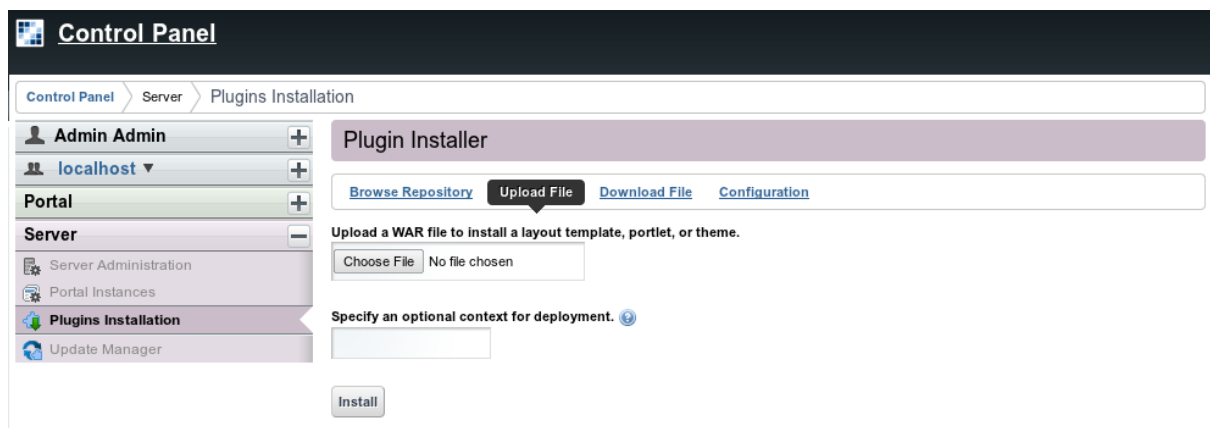


Fig 2: Upload a new WAR file.

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

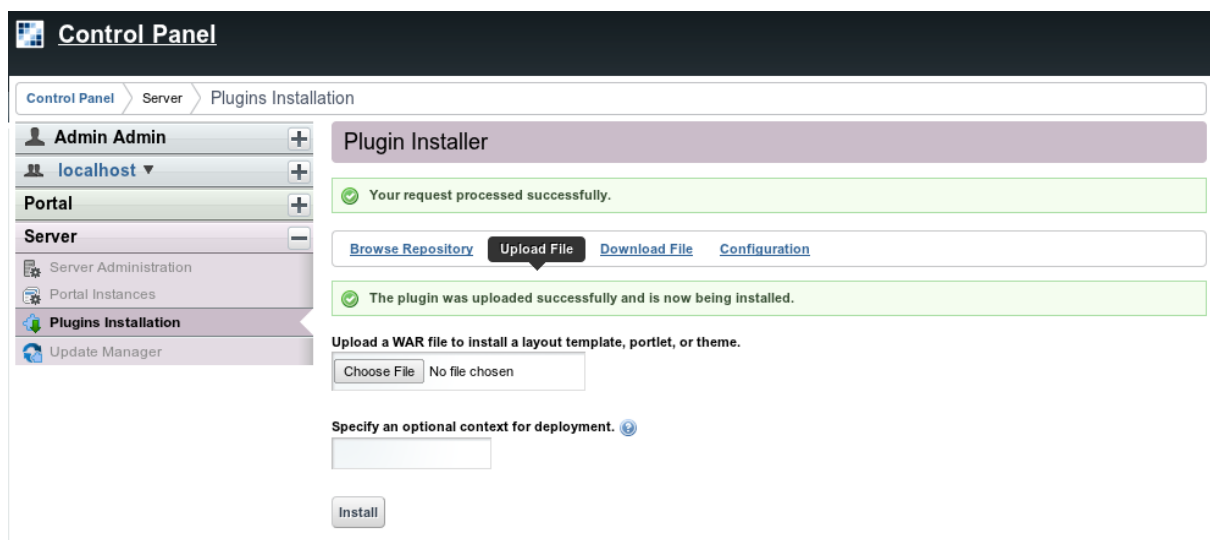


Fig 3: WAR uploaded.

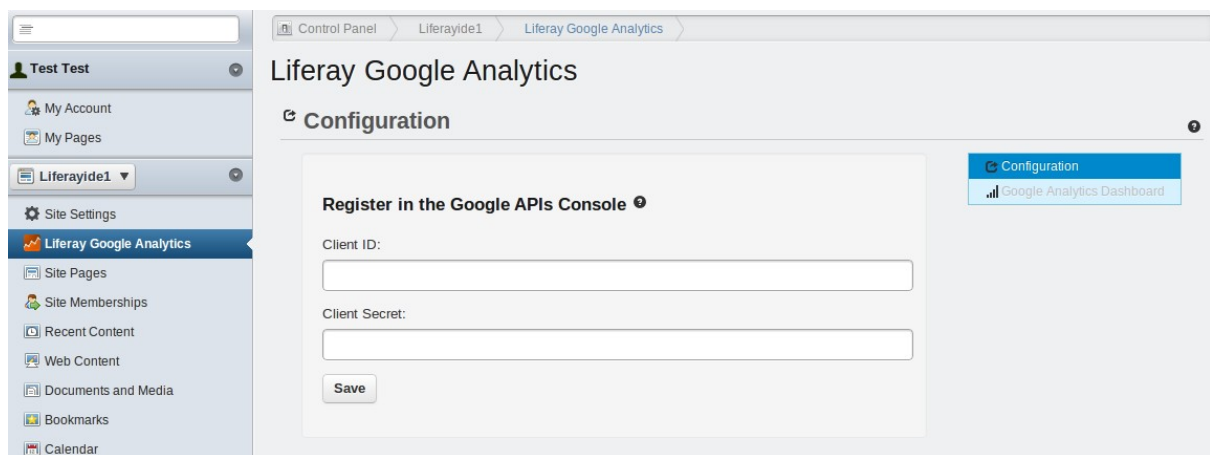
Once the portlet is installed you can start configuring it.

Configuration

Configure the Liferay-Google-Analytics portlet

In the left panel, under the portal name select **Liferay Google Analytics**.

The first time the **Configuration** panel (right-menu) is selected, once it is configured the Google Analytics dashboard will be automatically selected.



To retrieve data from Google Analytics, the Client ID and Client Secret are required, to get this values follow these steps:

Create an APIs Console Project

Application type: **Web Application**

Authentication type: **OAuth 2.0**

Visit the [Google APIs Console](https://console.developers.google.com/)

Sign-in and create a project or use an existing project.

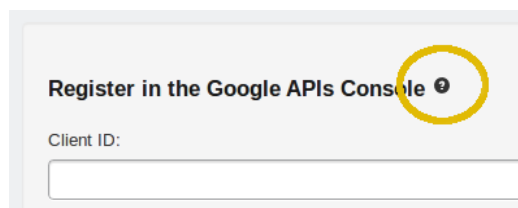
In the [Services panel](#), activate Analytics API for your project. If prompted, read and accept the terms of service.

Go to the [API Access panel](#):

Click **Create an OAuth 2.0 client ID...**

Fill out the Branding Information fields and click **Next**.

Set Application type to **Web application**. in "Your site or hostname" click in **(more options)** in the **Authorized Redirect URIs** and **Authorized Javascript Origins** text fields copy and paste the information showed by clicking the help icon:



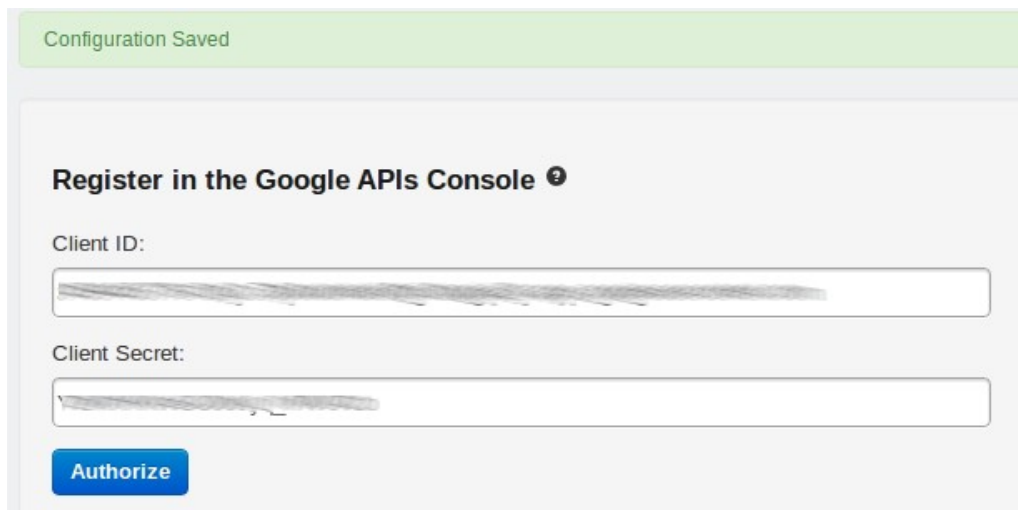
Click **Create client ID**



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Copy and paste the **Client ID** and **Client Secret** in their respective fields.
Click on the **Save** button and it will be replaced by an "Authorize" button.



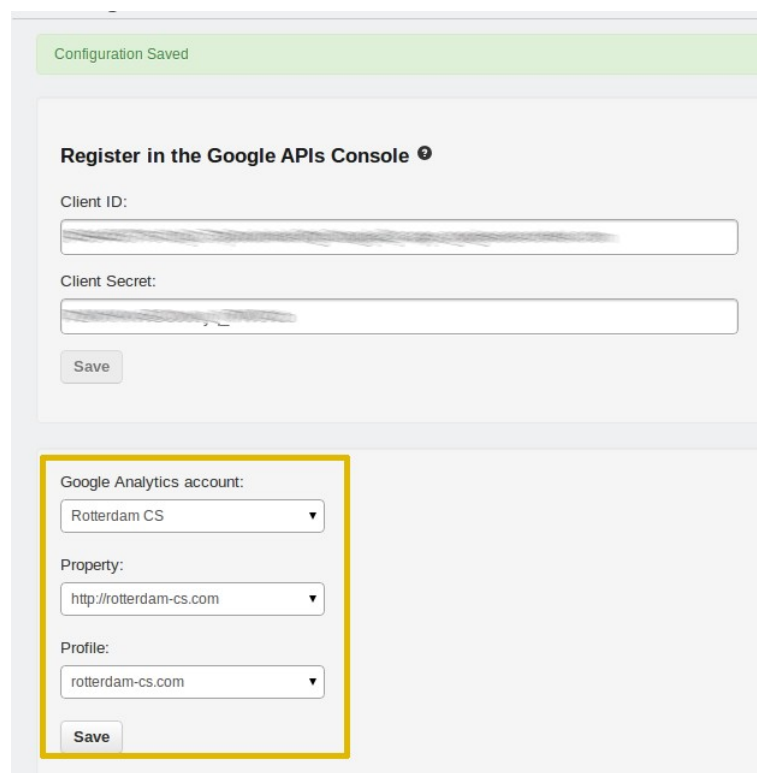
Click on the **Authorize** button, you'll be redirect to the Google authorization page:

If you are not logged in with your google account you will see a sign in page, please sign in.

Click on the **Allow access** button.

If you get a **redirect_uri_mismatch** Error, please review that the **Authorized Redirect URIs** is exactly the same in the [Google APIs Console](#) that in the help section (**5 - III**).

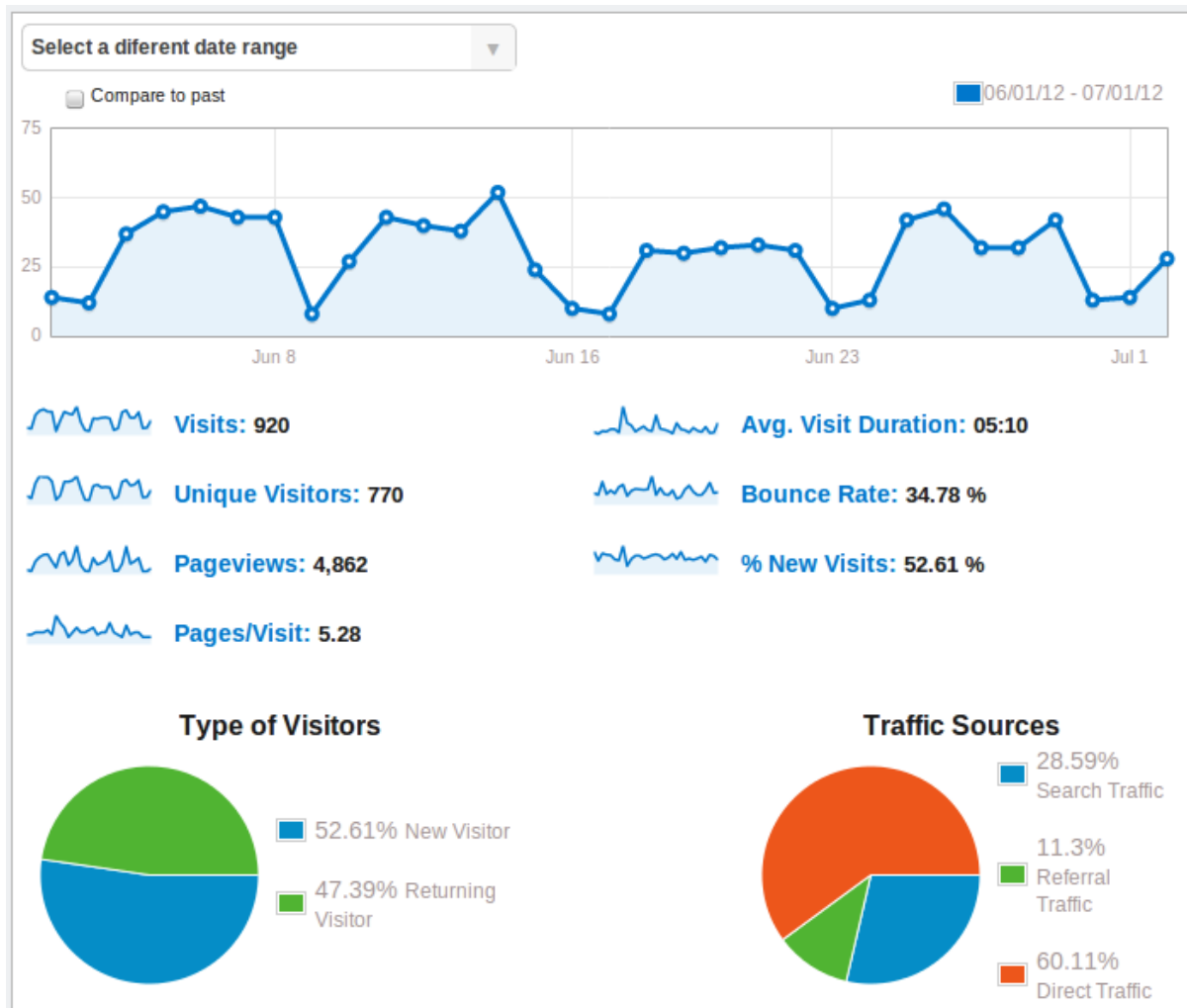
Finally select the **Google Analytics account**, **Property** and **Profile** from the combo boxes and click on the **Save button at the bottom of the page**.



Usage

Once the portlet is installed and configured, the Google Analytics Dashboard will be selected by default, if you want to change the configuration just click on the right menu Configuration.

The date range selected by default is one month backward.



To see different statistics details such as **Unique Visitors**, **Bounce Rate**, **Page Views**, Etc. Just click on the graphic Thumbnail or the blue text.

To see detailed information for a data point roll the mouse over the data point on the graphic



Changing the date range:

To change the date range just click on the combo box:

Select a different date range

May, 2012							June, 2012							July, 2012						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
		1	2	3	4	5						1	2	1	2	3	4	5	6	7
6	7	8	9	10	11	12	3	4	5	6	7	8	9	8	9	10	11	12	13	14
13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20	21
20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27	28
27	28	29	30	31			24	25	26	27	28	29	30	29	30	31				

✓ Apply

Click on the start date range, click on the end date range and finally click on the Apply button to retrieve the new data.

Compare two date ranges:

To compare 2 date ranges just check the “Compare to past” check-box:



If you want to change the date range for both date ranges, just repeat the process for changing the date range, but with the compare to past checked:

Select a different date range

May, 2012							June, 2012							July, 2012						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
		1	2	3	4	5						1	2	1	2	3	4	5	6	7
6	7	8	9	10	11	12	3	4	5	6	7	8	9	8	9	10	11	12	13	14
13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20	21
20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27	28
27	28	29	30	31			24	25	26	27	28	29	30	29	30	31				

Select a date range to compare:

April, 2012							May, 2012							June, 2012						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7			1	2	3	4	5						1	2
8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9
15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16
22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23
29	30						27	28	29	30	31			24	25	26	27	28	29	30

Change Log

Changes applied in version 1.0.0:

1 – Version 1.0.0