

Rotterdam
community
solutions

RCS Resource Editor

Installation Guide



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Document Revisions

Date	Revision	By
29/10/12	1	Florencia Gadea



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General Description

Liferay is designed to handle as many languages as you want to support. This is done by pulling out all language specific text and storing them in language.properties files. This way, when a page loads, Liferay will detect the language, pull up the corresponding language file and display the text in the correct language. You can also change the way a certain word is translated. If you wanted, you could effectively rename the "message boards" portlet to now be called "forums". If you do that, you will have to restart the server to be able to see the new changes. Plus, these language.properties files are some times hard to handle for non-technical users.

The **Resource Editor Portlet/Hook** allows language display customization on the fly. This portlet, built by Rotterdam Community Solutions, allows portal administrators to easily change existing language entries, without the need to restart the server.

It works by storing all the Liferay core and portlets language.properties keys and values in the database and then the portal reads those properties from the database directly. So a user can easily change existing language entries in different languages.

We are currently migrating the **Resource Editor** to become an extension plugin.

Installation

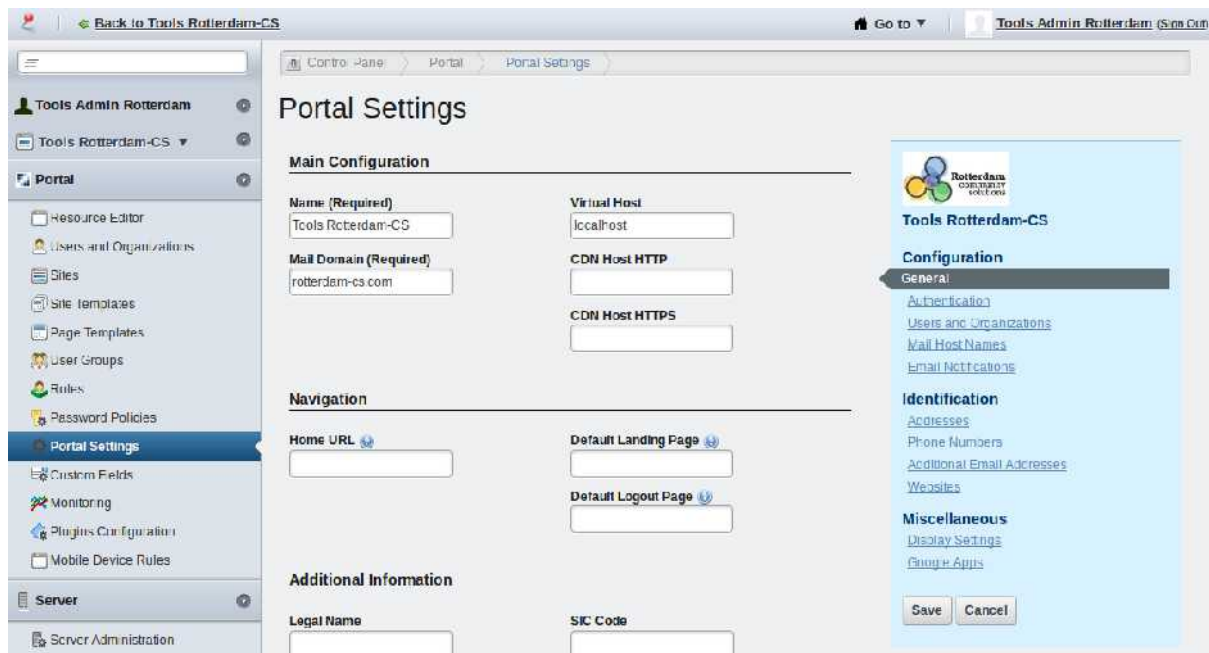
Removing unwanted languages

First, you need to remove the languages you don't want to use in your portal. By default, Liferay supports all the follow languages:

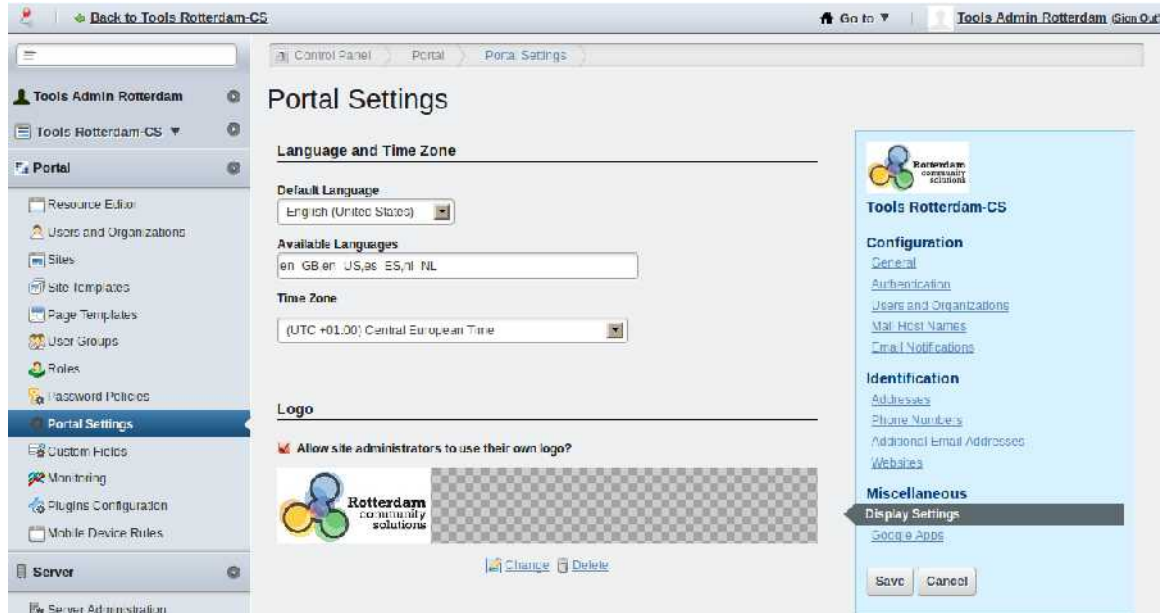
ar_SA,ca_AD,ca_ES,zh_CN,zh_TW,cs_CZ,nl_NL,en_US,fi_FI,fr_FR,de_DE,el_GR,hu_HU,it_IT,ja_JP,ko_KR,fa_IR,pt_BR,ru_RU,es_ES,sv_SE,tr_TR,vi_VN

If you only want to support English, German and Spanish, follow this steps:

1. Go to the **Control Panel**.
2. In the left panel, under the **Portal** category, select **Portal Settings**.



3. In the right menu, under the **Miscellaneous** category, select **Display Settings**.



4. In the Available Languages field, leave only en_US, de_DE, es_ES.
5. Shutdown the server.

Download the resource editor from github:

\$git clone <https://github.com/rotterdam-cs/liferayResourceEditor>

Setting the Liferay and Tomcat path

1. Go to the resource editor root folder and open pom.xml.
2. Change the "liferay.directory" and "liferay.tomcat.dir" properties to reflect your Liferay and Tomcat home directory.

Build the code

If you like to run this portlet on a different SQL dialect, please change the **hibernate.properties** file located in **src/main/resources/spring**.

1. First, make sure that Liferay is ***NOT*** running.
2. Go to the **Resource Editor** root folder.
3. Execute: **mvn package**
4. Maven should now compile and deploy the war directly to your Liferay instance.
5. Restart the server. Keys are stored on startup, as well as cached. The amount of time this will take depends on the amount of languages you have left in your **Display Settings**. Once the **Resource Editor** deployment is ready, you may have to reload the portal site.

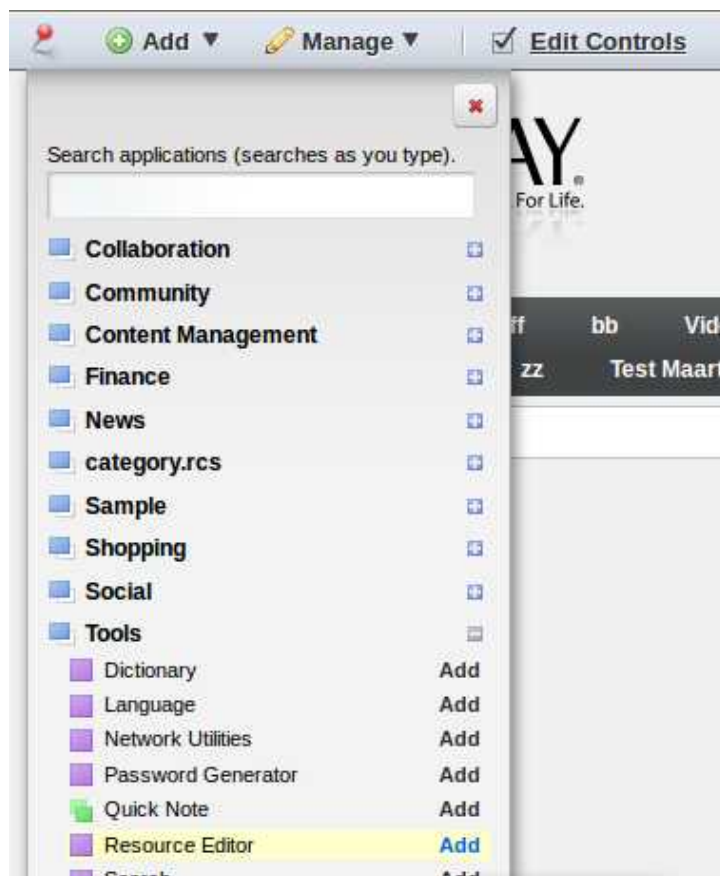
Usage

Adding the portlet

Login as an administrator and go to the page you want to add the **Resource Editor**.



On the dockbar, click on **Add**, then click on **More...**, select **Tools** -> **Resource Editor**.



And there you have the resource editor ready to be used!

Tools Rotterdam-CS > Resource Editor

Resource Editor

On Key

On Message

en_GB

In Bundle

All Bundles

Search

Bundle	Key	Value	Locale
Default	1024-by-768-pixels	1024 by 768 Pixels	en_GB
Default	150-days	150 Days	en_GB
Default	1-day	1 Day	en_GB
Default	1-minute	1 Minute	en_GB
Default	1-month	1 Month	en_GB
Default	1-page	1 Page	en_GB
Default	1-week	1 Week	en_GB
Default	1-year	1 Year	en_GB
Default	2-months	2 Months	en_GB
Default	2-weeks	2 Weeks	en_GB

First

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1

2

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4

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6

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8

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10

>>

Last

Save

New

You can also manage the **Resource Editor** through the **Control Panel**:

Go to the **Control Panel**.

In the left panel, under the **Portal** category click on **Resource Editor**.

Back to Tools Rotterdam-CS

Control Panel > Portal > Resource Editor

Resource Editor

On Key

On Message en GB

In Bundle

Search

Bundle	Key	Value	Locale
Default	1024-by-768-pixels	<input type="text" value="1024 by 768 Pixels"/>	en GB
Default	150-days	<input type="text" value="150 Days"/>	en GB
Default	1-day	<input type="text" value="1 Day"/>	en GB
Default	1-minute	<input type="text" value="1 Minute"/>	en GB
Default	1-month	<input type="text" value="1 Month"/>	en GB
Default	1-page	<input type="text" value="1 Page"/>	en GB
Default	1-week	<input type="text" value="1 Week"/>	en GB
Default	1-year	<input type="text" value="1 Year"/>	en GB
Default	2-months	<input type="text" value="2 Months"/>	en GB
Default	2-weeks	<input type="text" value="2 Weeks"/>	en GB

First << 1 2 3 4 5 6 7 8 9 10 >> Last

Save New

Changing existing language entries

Let's do it with an specific example: Changing the text of an existing Liferay core entry. We will change the "Go to" entry to "Where to".

Resource Editor

On Key

On Message

Go to

en_GB

In Bundle

All Bundles

Search

Bundle	Key	Value	Locale
Default	action.VIEW_CONTROL_PANEL	Go to Control Panel	en_GB
Default	add-this-application-to-netvibes	Add this application to Netvibes. Go to htt	en_GB
Default	go-to	Go to	en_GB
Default	go-to-category	Go to Category	en_GB
Default	go-to-folder	Go to Folder	en_GB
Default	go-to-my-portal	Go to My Portal	en_GB
Default	go-to-paypal-and-set-up-ipn-to-post-to-x	Go to PayPal and set up IPN to post to {0	en_GB
Default	go-to-private-pages	Go to Private Pages	en_GB
Default	go-to-public-pages	Go to Public Pages	en_GB
Default	go-to-remote-live	Go to Remote Live	en_GB

First

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Last

Save

New

In the grid, under the **Value** field, change the value to “Where to”. Then, click on the **Save** button.

Resource Editor

On Key

On Message

Go to

en_GB

In Bundle

All Bundles

Search

Bundle	Key	Value	Locale	
Default	action.VIEW_CONTROL_PANEL	Go to Control Panel	en_GB	
Default	add-this-application-to-netvibes	Add this application to Netvibes. Go to htt	en_GB	
Default	go-to	Where to	en_GB	
Default	go-to-category	Go to Category	en_GB	
Default	go-to-folder	Go to Folder	en_GB	
Default	go-to-my-portal	Go to My Portal	en_GB	
Default	go-to-paypal-and-set-up-ipn-to-post-to-x	Go to PayPal and set up IPN to post to {0	en_GB	
Default	go-to-private-pages	Go to Private Pages	en_GB	
Default	go-to-public-pages	Go to Public Pages	en_GB	
Default	go-to-remote-live	Go to Remote Live	en_GB	

First

<<

1

2

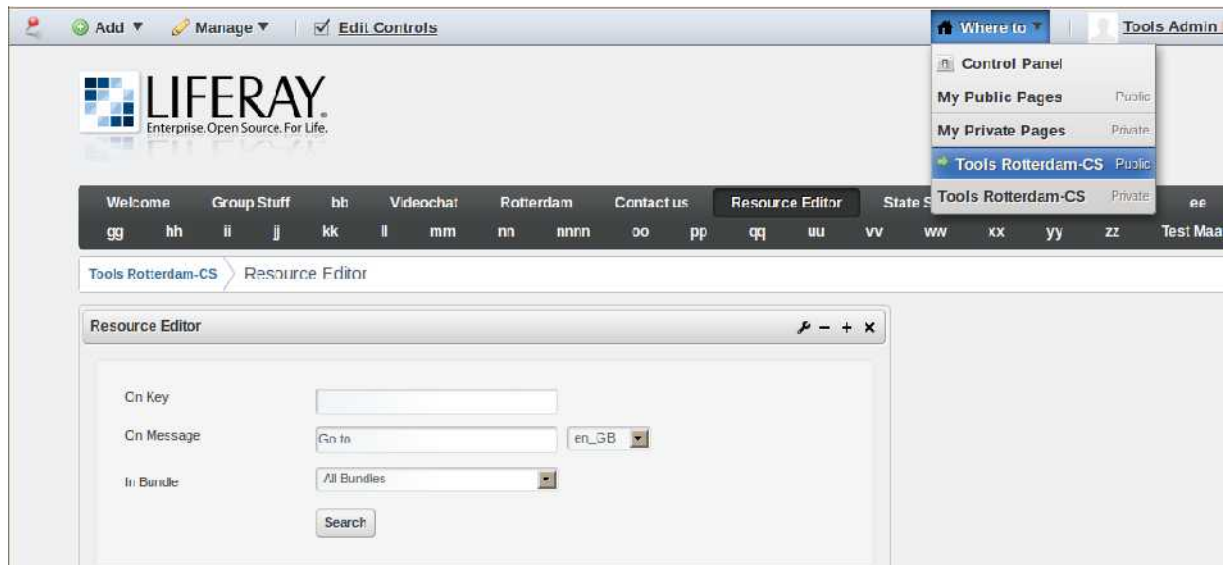
>>

Last

Save

New

Refresh the page pressing F5. Now you will see the change in the upper right corner.



Creating new language entries

Below the grid, click on the **New** button.
Fill with the key and the text in different languages.
Press **Save**.

Requirements

Liferay 6.1.0.

Limitations

Language.properties search

Here are the ways we search for Language.properties files:

- we check whether resource bundle exists in **portlet.xml** (we also support **com.liferay.portlet.StrutsResourceBundle**)
- we check whether resource bundle exists in **liferay-hook.xml**
- we check whether resource bundle exists in **content/Language_XX.properties**
- we check whether resource bundle exists in **Language_XX.properties**

It covers 95% of all portlets.

Key retrieval

It works only when portlet uses Liferay resource bundle system, i.e.

```
<liferay-ui:message code="xxx" />
```

or

```
<%=LanguageUtil.get(locale, "..")%>
```

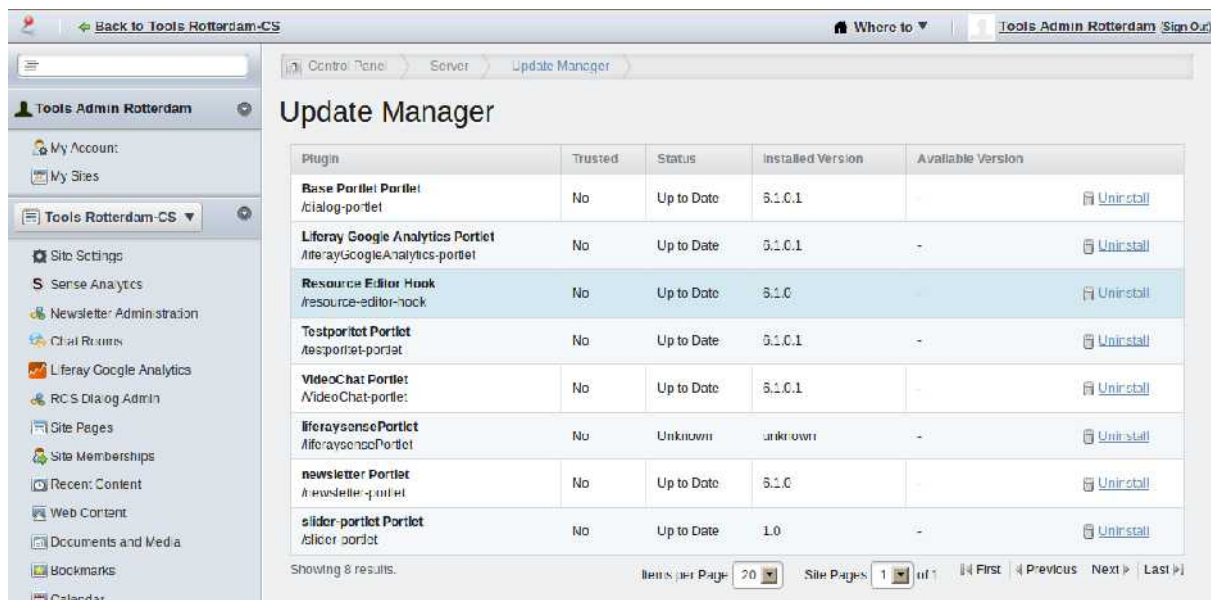
Undeploy – Important!

Login as administrator.

Go to the **Control Panel**.

In the left panel, under the **Server** category click on **Update Manager**.

Select the **Resource Editor Hook** from the grid, and click on **Uninstall**.



The screenshot shows the Liferay Update Manager interface. The left sidebar contains a navigation menu with categories like 'Tools Admin Rotterdam' and 'Tools Rotterdam-CS'. The main content area is titled 'Update Manager' and displays a table of installed plugins. The 'Resource Editor Hook' plugin is highlighted in blue. Below the table, it indicates 'Showing 8 results' and provides pagination controls.

Plugin	Trusted	Status	Installed Version	Available Version	Action
Base Portlet Portlet /dialog-portlet	No	Up to Date	5.1.0.1	-	Uninstall
Liferay Google Analytics Portlet /liferayGoogleAnalytics-portlet	No	Up to Date	5.1.0.1	-	Uninstall
Resource Editor Hook /resource-editor-hook	No	Up to Date	5.1.0	-	Uninstall
Testportlet Portlet /testportlet-portlet	No	Up to Date	5.1.0.1	-	Uninstall
VideoChat Portlet /videochat-portlet	No	Up to Date	5.1.0.1	-	Uninstall
liferaysensePortlet /liferaysensePortlet	No	Unknown	unknown	-	Uninstall
newsletter Portlet /newsletter-portlet	No	Up to Date	5.1.0	-	Uninstall
slider-portlet Portlet /slider-portlet	No	Up to Date	1.0	-	Uninstall

Then go to your Tomcat root directory, go to **webapps/ROOT/WEB-INF/classes/** and delete the **com** folder.

Then, under the tomcat root directory, go to **lib/ext** and delete **resource-editor-integration.jar**.

Restart Liferay.