CAGRID PORTAL 2.2

Administrator's Guide

February 21, 2009

caBIG® Open Source Software License caGrid 1.2

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Document Change History

The following is the revision history for this document.

Date	Version	Description	Revised By
February 21, 2009	2.2	Updated content from the wiki for version 2.2. Replaced caBIG® logo in front matter.	Carolyn Kelley Klinger
October 5, 2008	2.1	Applied styles from CBIIT Word template. Changed version number throughout for the 2.1 release. Added Credits section. Added registered trademark for caBIG®. Changed title page to say CBIIT. Added chapter on banning and unbanning services.	Carolyn Kelley Klinger

About This Guide

This section introduces you to the *caGrid Portal 2.2 Administrator's Guide* and provides an orientation to using the guide. It also includes support contact information.

Topics in this section:

- *Topics Covered* on page 1
- *Text Conventions Used* on page 1
- *Credits and Resources* on page 2

Topics Covered

This guide includes the following topics.

- *Chapter 1, Logging in as the Portal Administrator* on page 3
- *Chapter 2, Logging in as the Portal Administrator* on page 3
- *Chapter 3, Editing News Feeds* on page 7
- *Chapter 4, Banning and Unbanning Services* on page 8
- *Chapter 5, Deleting User Accounts* on page 10
- *Chapter 6, Updating caBIG Participants* on page 13
- *Chapter 7, Editing the Calendar* on page 14
- *Chapter 8, Refresh Service Metadata* on page 15

Text Conventions Used

This section explains conventions used in this guide. The various typefaces represent interface components, keyboard shortcuts, toolbar buttons, dialog box options, and text that you type.

Convention	Description	Example
Bold	Highlights names of option buttons, check boxes, drop-down menus, menu commands, command buttons, or icons.	Click **Search**.
URL	Indicates a Web address.	http://domain.com
text in SMALL CAPS	Indicates a keyboard shortcut.	Press ENTER.
text in SMALL CAPS + text in SMALL CAPS	Indicates keys that you press simultaneously.	Press SHIFT + CTRL.
Italics	Highlights references to other documents, sections, figures, and tables.	See *Figure 4.5*.

Convention	Description	Example
Italic boldface monospace type	Represents text that you type.	In the **New Subset** text box, enter *Proprietary Proteins*.
Note:	Highlights information of particular importance.	**Note:** This concept is used throughout this document.
{ }	Surrounds replaceable items.	Replace {last name, first name} with the Principal Investigator's name.

Credits and Resources

caGrid Portal Development and Management Teams		
Development	**Quality Assurance**	**Program and Project Management**
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[4] 5AM Solutions	[5] Lockheed Martin Management System Designers	

Contacts and Support	
NCICB Application Support	http://ncicbsupport.nci.nih.gov/sw/ Telephone: 301-451-4384 Toll free: 888-478-4423

Chapter 1   Logging in as the Portal Administrator

After you install the caGrid Portal, the default administrative user is called `portaladmin`. The password of this user is determined during installation. See the *caGrid Installation and Upgrade Guide* at http://www.cagrid.org/wiki/Portal:2.2:Installation_Guide for details.

To log in as the default administrative user, `portaladmin`:

1. Go to https://\<host>:\<secure_port>/user/portaladmin/1.

   Note   Make sure you go to the HTTPS version of this URL. Otherwise, the portaladmin password will be sent in clear text across the network, which is a security risk.

   The following screen appears.
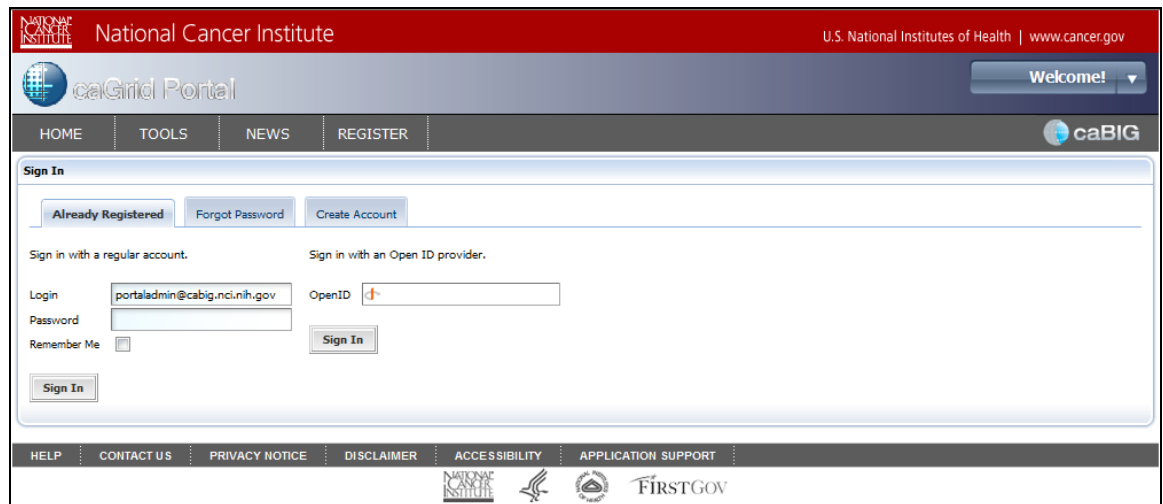
Figure 1-1. portaladmin Login Page

2. In the Login field, enter `portaladmin@cabig.nci.nih.gov`. In the Password field, enter the password for this user.

   Note: If you have previously created another administrative user account, you can use that username and password to login as an administrative user.

3. Click **Sign In**. The following page appears.
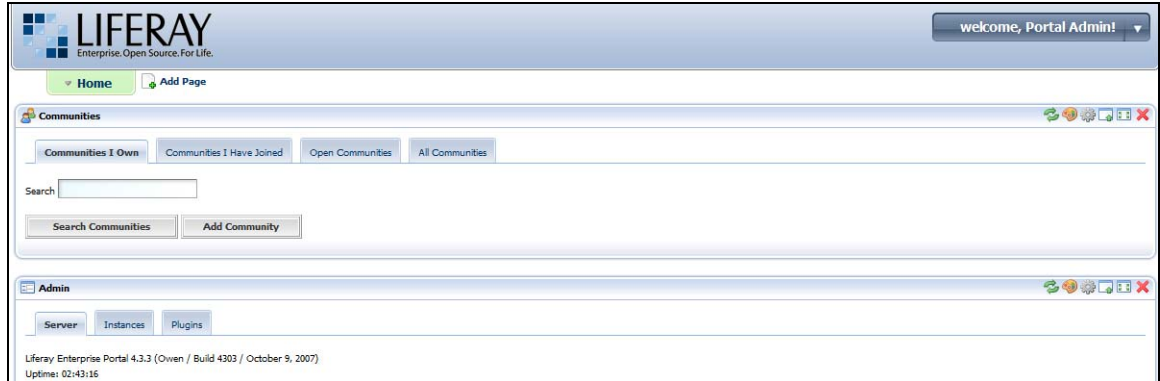
Figure 1-2. portaladmin's Private Page

From this page, you can perform all Liferay administrative operations. The Liferay administrative guide is available at the following location: http://docs.liferay.com/portal/4.3/official/liferay-administration-guide-4.3.pdf

Chapter 2   Creating the Administrative User

To create a caGrid Portal administrative account, you need valid caGrid credentials. If you already have an account with the NCICB Dorian Identity Provider (IdP) or the NCICB AuthenticationService IdP (that is, you have an NIH account), you do not need to create a new caGrid account. If you do not have an account from either authority, you can create a new caGrid account through the caGrid Portal.

To create a caGrid account:

1. Select the **Register** tab and enter the required information.

   You now have a caGrid account but need to log in at least once to create a caGrid Portal account.

2. Select the **Home** tab and then click the **Login** link. Enter your username and password and then click the **Login** button. A greeting appears.

3. Click the **Logout** link.

   You have a caGrid Portal account. Now you must assign administrative privileges to this account.

To assign administrative privileges to a caGrid account:

1. Scroll down the page to the Enterprise Admin portlet.

2. Select the **Roles** tab. Among the roles listed there is *Administrator*.

3. At the far right of this row, place your mouse over the center icon. The tool tip for this icon displays the text **Assign Members**. Click this icon

   The following page appears.
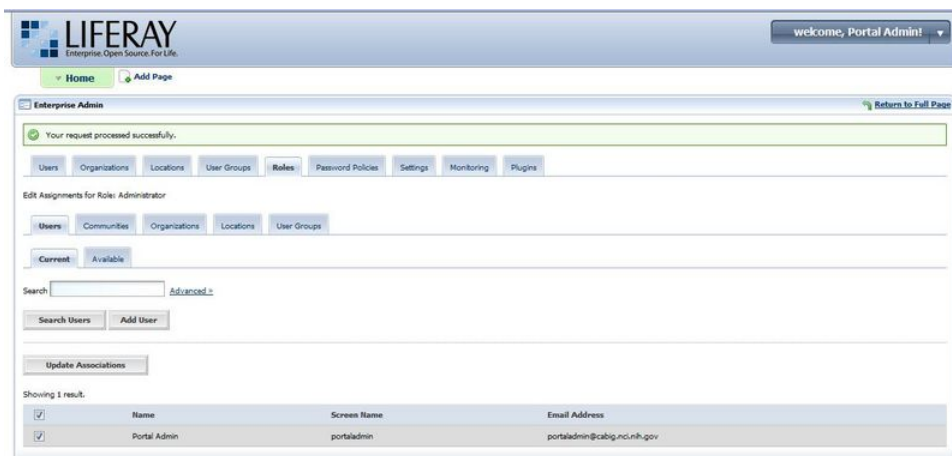
Figure 2-1. Adding Members

4. Notice that the Current tab is selected. Select the **Available** tab. In the Available tab, the account you just created appears. Select the checkbox next to this account and then click **Update Associations**.

5. In the drop-down list in the upper-right corner of the page, click the **Sign Out** link. The caGrid Portal home page appears.

Chapter 3   Editing News Feeds

The caGrid Portal can be used to maintain an RSS news feed. To edit the new feed you must log in to the Portal using an account that has the Administrator role (see *Creating the Administrative User* on page 5 for details).

To edit news feeds:

1. After logging in with an Administrator account, go to the **News** tab. In the upper, right-hand corner of the News portlet you see several controls.

2. Click the third tool from the left, which has a tool tip with the text **Preferences**.

3. Click the **Add Channel** link. The New Channel page appears.

4. Enter the title, link, and description. The link should point to some page that describes the channel. News pages are created and maintained outside of the portal.

5. Click the **Save** button.

6. Click the **Edit News Items** link.

7. Click the **Add item** link. A page appears in which you can enter the title, link, width, height, and description of the news item.

   The link must point to a real web page that contains the content. The width and height values control the dimensions of the IFrame that will display the news item to portal users. It is recommended that you use a width of 100% and a height of 250px.

Chapter 4   Banning and Unbanning Services

Services can be banned by the Portal administrator. When a service is banned, users cannot discover it in the Portal.

There may be cases where banned services eventually come back on-line; in other words, become unbanned. In such cases, the Portal continues to ignore the service. It is then the responsibility of the service owner to recognize that the service is not being displayed in the Portal, and contact the Portal administrator to request that the service be unbanned.

Administrative User Interface

To ban and unban services in the caGrid Portal, you must log in to the Portal using an account that has the Administrator role (see *Creating the Administrative User* on page 5 for details).

To ban or unban a service:

1. Navigate to the caGrid Portal homepage in a web browser. For example: http://localhost:8080/web/guest/home

2. Click the **Services** menu.

3. In the Discovery portlet, search for the service you want to ban or unban. As an admin user, you will be able to see ALL services, including those that are already banned.

4. Click the **More Details** link to see the details of this service

5. On the details page, click the **Ban Service** or **Unban Service** button as appropriate. The service is immediately banned or unbanned.
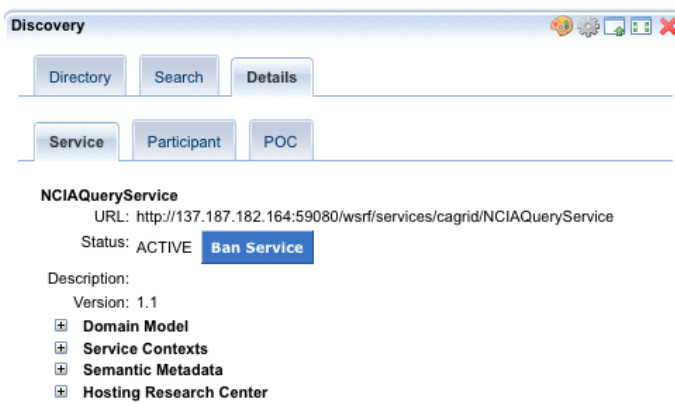
Note: A banned service can only be unbanned and vice versa.

Once you ban a service, the service is immediately hidden in the caGrid Portal. Alternatively, once you unban a service, the service is immediately visible to all Portal users.

Command Line Utility

You can also use a command-line tool to ban or unban a service. To run the tool, you must have access to the cagrid-portal release and the configuration for the target instance.

To unban a service, run the following from the `cagrid-portal` directory:

```
ant aggr:ban-mgr -Dtarget.env=<env_name>
```

The tool prompts you to choose whether to ban or unban the service and then prompts you to enter the service's URL. You can manually ban services by specifying `ban` as the operation.

Chapter 5   Deleting User Accounts

The caGrid Portal requires that user accounts be associated with only one email address. However, caGrid users can have multiple sets of grid credentials that are all associated with the same email address. If a user tries to log in with more than one of these sets of credentials, the Portal notes that an account already exists with that email address, and indicates that the user should either log in with those credentials or contact the administrator to request that the account be deleted.

Deleting user accounts is a two step process. You must first delete the user account in Liferay and then clear the user from the Portal database.

Deleting Liferay User

To delete a user account, you must log in to the Portal using an account that has the Administrator role (see *Creating the Administrative User* on page 5 for details).

NOTE If the following message appears: "You do not have the roles required to access this portlet," close your browser, re-open it, and try again.

1. Go to the **Users** tab of the Enterprise Admin portlet and search for the desired user account (as shown in Figure 5-1)
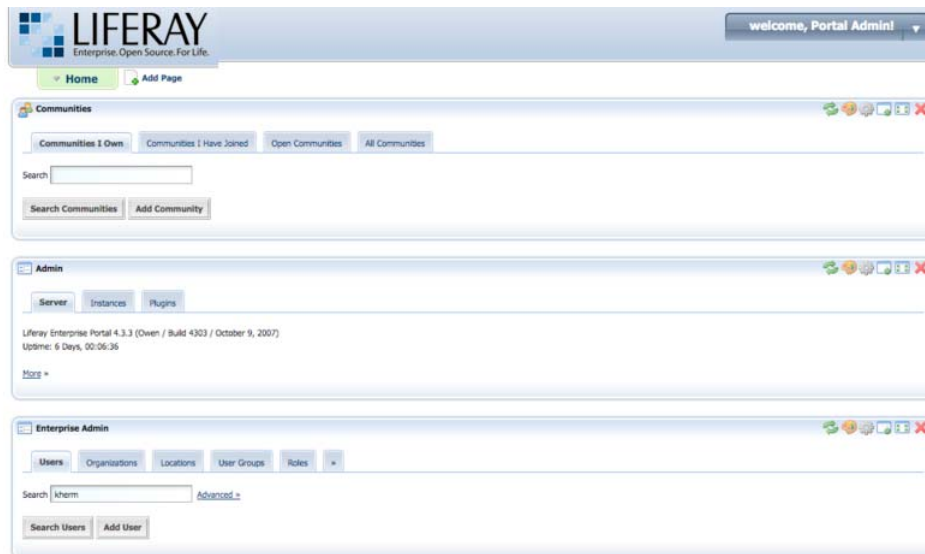
Figure 5-1. Enterprise Admin: Search User

2. Select the checkbox next to the user's account row, then click the **Deactivate** button (as shown in Figure 5-2).
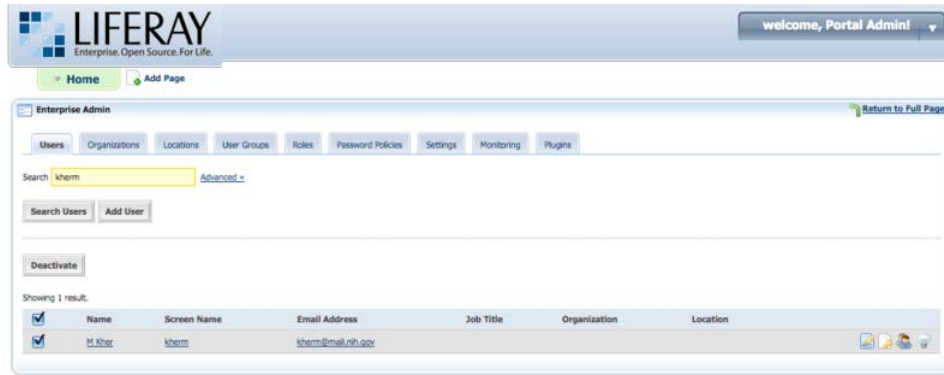
Figure 5-2. Enterprise Admin: Deactivate User

3. Search for the account again, this time selecting **No** from the Active drop-down list in the **advanced** search view (as shown in Figure 5-3).
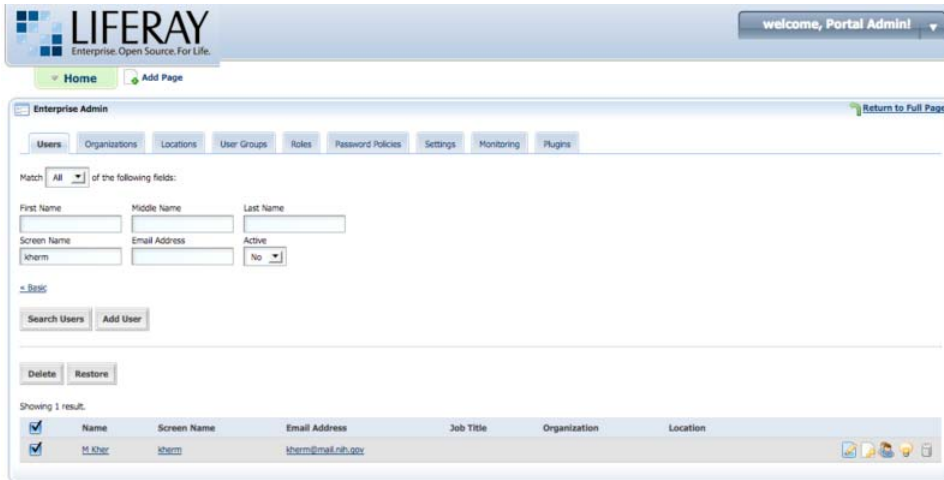
Figure 5-3. Enterprise Admin: Delete User

4. Select the checkbox next to the account and click the **Delete** button. You see a success message.

Deleting Portal User

While the previous process deletes the Liferay user account, you must also delete the user details from the Portal database. Run the following ant script to delete the account in the Portal.

```
ant -Dtarget.env=nci_dev aggr:delete-user
```

This prompts you for the user's grid identity. Provide the grid identity of the user that you want to delete from the Portal database. See the following example.

```
aggr:delete-user:
    [input] Enter Grid Identity of
User:/O=caBIG/OU=caGrid/OU=LOA1/OU=NCI/CN=userA
    [java] AbandonedObjectPool is used
(org.apache.commons.dbcp.AbandonedObjectPool@a7c3ef)
    [java]    LogAbandoned: true
    [java]    RemoveAbandoned: true
    [java]    RemoveAbandonedTimeout: 300
    [java] Will try and delete user with Grid
Identity:/O=caBIG/OU=caGrid/OU=LOA1/OU=NCI/CN=userA
    [java] Found User in Database
    [java] Successfully deleted User with Grid
Identity:/O=caBIG/OU=caGrid/OU=LOA1/OU=NCI/CN=userA
```
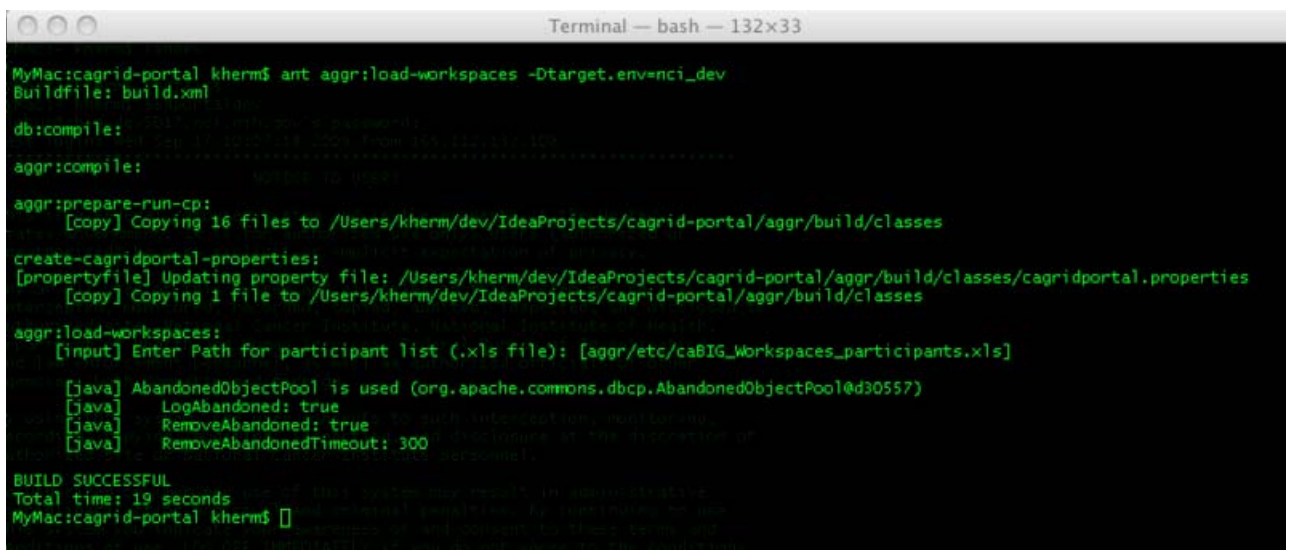
Chapter 6   Updating caBIG Participants

The caGrid Portal maintains a list of all cancer centers and institutes participating in caBIG®. This list is uploaded to the Portal database from an Excel spreadsheet when the Portal is first installed. It is possible to update the participant list (in other words, delete old participants and upload new ones), by uploading an updated Excel spreadsheet.

Use the command line utility to update the participants in the caGrid Portal. This utility takes the path to an Excel spreadsheet, parses it, and then uploads the participant data. The **default path** is for the Excel spreadsheet that is part of the Portal release. To run this tool, you must have access to the cagrid-portal release and the configuration for the target instance. For more information, see http://www.cagrid.org/wiki/CaGrid:How-To:ChangeTargetGrids.

Run the following command (see the figure below)

```
ant aggr:load-workspaces -Dtarget.env=nci_dev
```


Figure 6-1. Update Participants

Chapter 7   Editing the Calendar

The Home page of the caGrid Portal displays a calendar portlet. This is a full-featured calendar application. The calendar contents can be imported and exported using the standard iCalendar format (http://tools.ietf.org/html/rfc2445).

To import iCalendar format files into the caGrid Portal calendar, do the following.

1. Log in to the Portal using an account that has the Administrator role (see *Creating the Administrative User* on page 5 for details)

2. Navigate to the caGrid Portal homepage by going to: http://<host>:<port>

   You see an Export/Import tab in the calendar portlet (as shown in Figure 7-1)

Figure 7-1. Calendar Portlet

3. Import an iCalendar format file (as shown in Figure 7-2)

Figure 7-2. Calendar Import/Export

When the import is complete, a success message appears.

Chapter 8   Refresh Service Metadata

It is possible for the Portal administrator to *force* the reloading of a service's metadata by the Portal. The following administrative user interface can schedule a reload of the metadata.

Log in to the Portal using an account that has the Administrator role (see *Creating the Administrative User* on page 5 for details).

To refresh service metadata:

1. Navigate to the caGrid Portal homepage in a web browser. For example, http://localhost:8080/web/guest/home.

2. Click the **Services** menu.

3. In the Discovery portlet, search for the service you want to ban or unban. As an administrative user, you can see ALL services, including those that are already banned.

4. Click the **More Details** link to see the details of this service.

5. Click the **Reload Metadata** button (see Figure 8-1) on the Details page to schedule a metadata reload for the service.
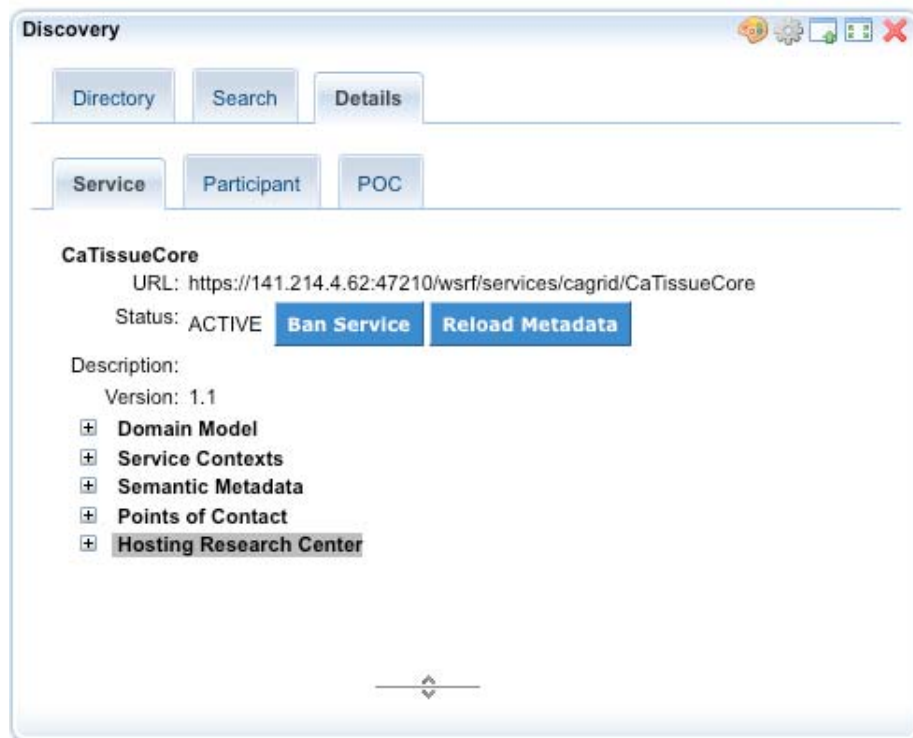

Figure 8-1. Reload Metadata

The metadata and the domain model, in the case of a data service, is fetched and loaded into the Portal within approximately 30 minutes.

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