# caGrid Portal 2.1

## *Administrator's Guide*

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Center for Biomedical Informatics and Information Technology

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# Revision History

The following is the revision history for this document.

| *Date* | *Version* | *Description* | *Revised By* |
|---|---|---|---|
| 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 2.1 Adminstrator's Guide* and provides an orientation to using the guide. It also includes support contact information.

Topics in this section:


- ***Error! Reference source not found.*** on page **Error! Bookmark not defined.**
- ***Error! Not a valid bookmark self-reference.*** on page 1
- *Credits and Resources* on page 2


## Topics Covered

This guide includes the following topics.


- *Chapter 1, Creating the Administrative User* on page 3
- *Chapter 2, Editing News Feeds* on page 5
- *Chapter 3, Editing the Calendar* on page 6
- *Chapter 4, Banning and Unbanning Services* on page 7


## 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*. |
| ***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. |

| Convention | Description | Example |
|---|---|---|
| { } | 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** |
| Joshua Phillips [2] | Aynur Abdurazik [3] | Krishnakant Shanbhag [1] |
| Manav Kher [2] | | John Eisenschmidt [4] |
| | **Documentation** | |
| | Carolyn Kelley Klinger [5] | |
| | | |
| 1. National Cancer Institute Center for Bioinformatics (NCICB) | 2. SemanticBits, LLC | 3. Science Applications International Corporation (SAIC) |
| 4. 5AM Solutions | 5. Lockheed Martin Management System Designers | |

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

# Chapter 1 Creating the Administrative User

In order to create a caGrid Portal administrative account, we will need valid caGrid credentials. If you already have an account with the NCICB Dorian Identity Provider (IdP), or with the NCICB AuthenticationService IdP (i.e. you have an NIH account), then you do not need to create a new caGrid account. If you don't have either of these accounts, you can create a new caGrid account through the portal.

To create a new account, go to the REGISTER tab, and enter the required information. When you have successfully completed the registration, you will immediately have a caGrid account, but you need to login at least once in order to have a caGrid Portal account. Go to the HOME tab and click the **Login** link. Enter your username and password and click the **Login** button. You'll see a greeting. Then click the **Logout** link.

At this point, we've created a caGrid Portal account. Now we need to give this account administrative privileges.

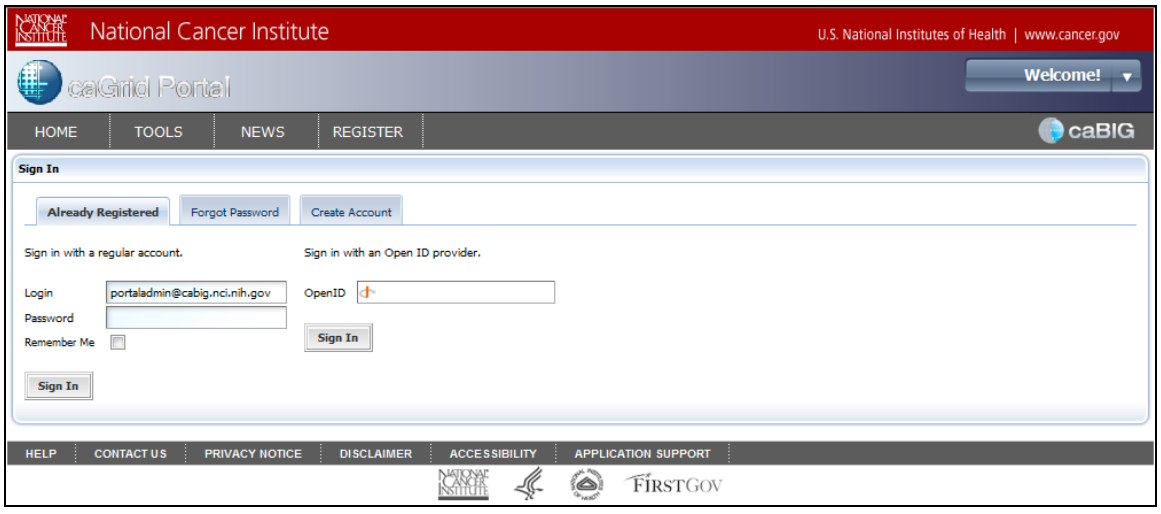
After the portal is installed, there will be a single default administrative user whose username is `portaladmin`. The password of this user is determined at installation time. See the installation guide for details.

Login as portaladmin by browsing to:

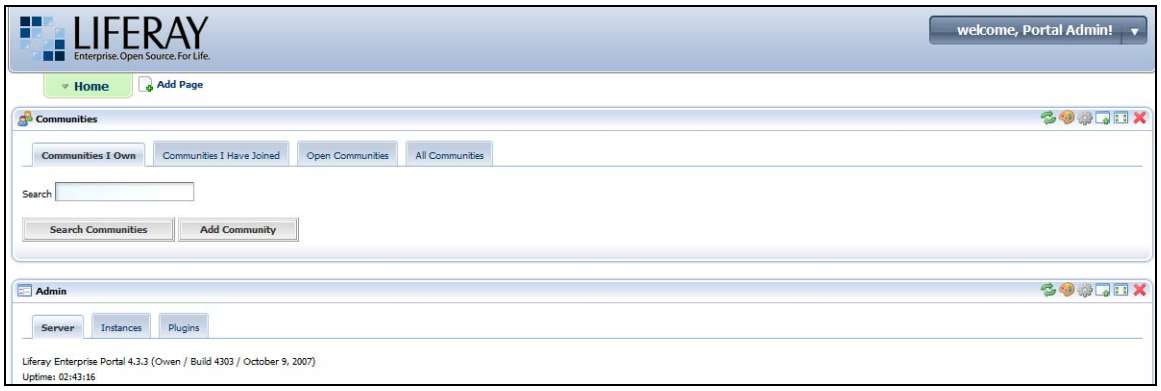
https://<host>:8443/user/portaladmin/1

**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.



In the Login field, enter '`portaladmin@cabig.nci.nih.gov`'. In the Password field, enter the password for this user. Click **Sign In**. The following page appears.

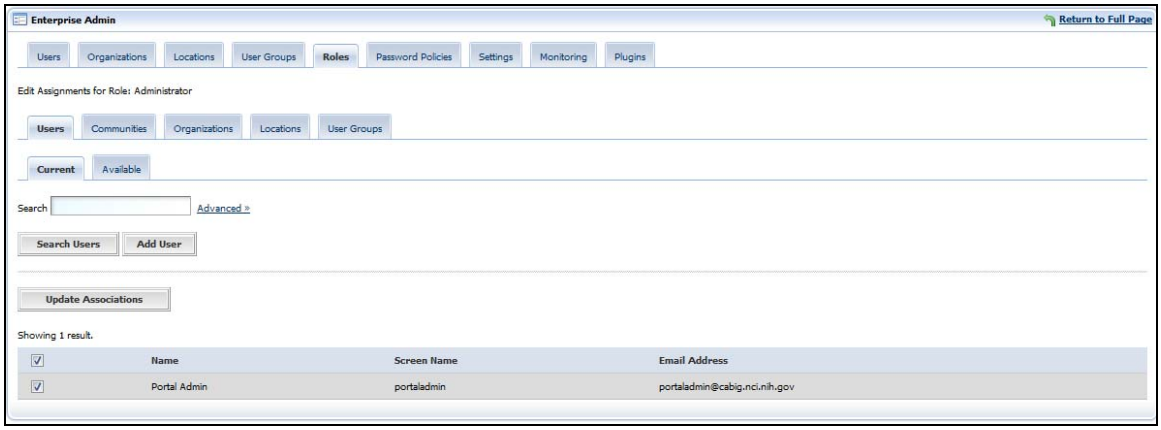



From this page, you can perform all Liferay administrative operations. The Liferay administrative guide is here: http://content.liferay.com/4.2/doc/user/liferay_4_portal_administration_guide/onepage/

**Note**: That is the 4.2 version. The 4.3 version was not available at the time of writing.

Scroll down the page to the Enterprise Admin portlet. Then select the Roles tab. You should see a list of role names and one of them should be *Administrator*. At the far right of this row, you can see some icons. When you mouse over the center icon, a tool-tip displays the text "Assign Members." Click this icon.

The following screen appears.



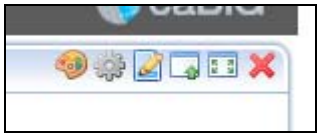

Notice that the Current tab is selected. Select the **Available** tab. In the Available tab, you should see the account that you just created. Select the checkbox next to this account and click **Update Associations**.

In the welcome Portal Admin drop-down list in the upper-right corner of the page, click the **Sign Out** link. You are redirected to the caGrid Portal home page.

# Chapter 2 Editing News Feeds

The caGrid Portal can be used to maintain an RSS news feed. To edit the new feed you need to log in to the portal using an account that has the Administrators role (see *Creating the Administrative User* on page 3 for details).

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



When you mouse of the third icon from the left, you should see a tool tip that displays the text "Preferences." Click this icon.

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

Once you've entered this information, press the **Save** button. An "Edit news items" link appears below the form. Click this link. Then click the **Add item** link. A page appears in which you can enter the title, link, width, height, and description of the news item. Again 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. You should probably use a width of 100% and a height of 250px.

# Chapter 3 Editing the Calendar

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

You must be logged in with an account that has the Administrators role in order to edit the calendar.

# Chapter 4 Banning and Unbanning Services

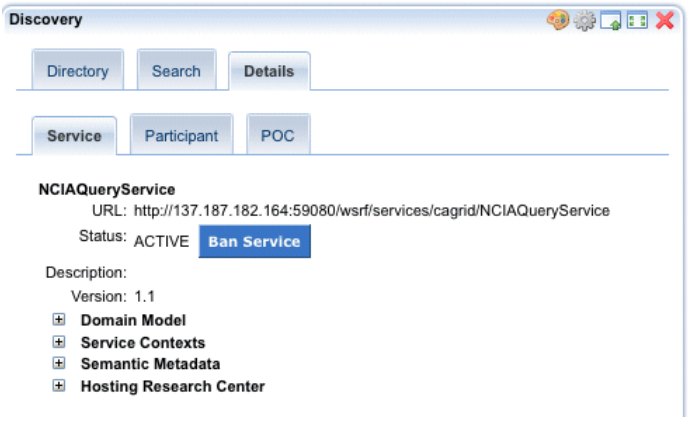
Services can be Banned by the Portal Administrator. That means the service is assigned the state of BANNED and they will no longer be discoverable through the portal. However, there may be cases where banned services eventually come back on line. In such cases, the portal will continue to ignore the service. It is then the responsibility of the service owner to recognize that the service is not being displayed in the portal and then contact the portal administrator to request that the service be un-banned.

## Admin User Interface

In caGrid Portal 2.1 there is an administrative UI for banning and un-banning services. You need to login as an admin user, see here.

Once you are logged in as an admin user, do the following

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, there is a button to ban/unban this service (as shown in Figure 5). Clicking this service will immediately ban/unban this service.




**Note:** A banned service can only be un-banned and vice versa.

Once you ban/un-ban a service, the service will immediately be hidden in the caGrid Portal. Alternatively, once you un-ban a previously banned service, the service will be immediately visible to all users of the Portal.

# Command line Utility

There is also a command-line tool that can be used for this purpose. 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 will prompt you for the operation, either ban or unban, and then the URL of the service. Services can be manually banned by specifying ban as the operation.