Getting Started with CLS OMERO

Introduction

CLS has an OMERO server called Nightshade that allows you to store image data centrally. You can use the OMERO.insight client to upload, view and download data from any computer or laptop on or off-campus.

Your University of Dundee username and password are used to log into the OMERO server, using the URLs given below. Your OMERO account is automatically created the first time you log in and if you change your University of Dundee password, OMERO will automatically reflect this update.

1   Download the OMERO.insight client for your operating system from:

      http://downloads.openmicroscopy.org/latest/omero5

2   Expand the OMERO.insight client archive.
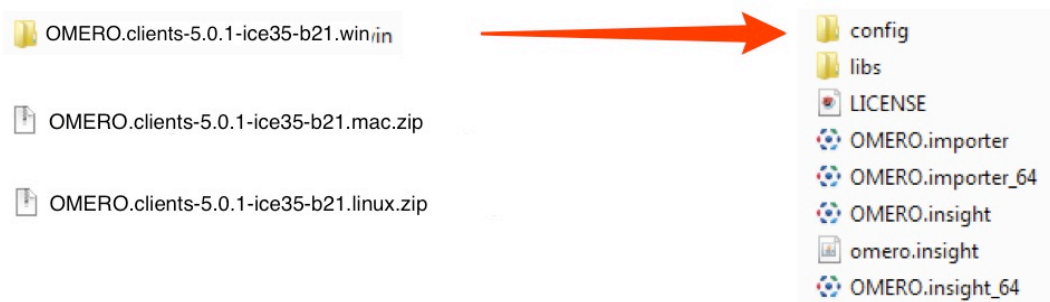
Note: As OMERO.insight is a stand-alone Java application, and does not require installation as such, you do not need administrator privileges to install it.

On Windows, expand the .zip archive and move the OMERO.clients folder to your Documents or home directory, or the Programs folder if you have the permissions.

On a Mac move the OMERO.clients folder to your Applications folder.

3 Open OMERO.insight client.
Click on the **Spanner** icon.
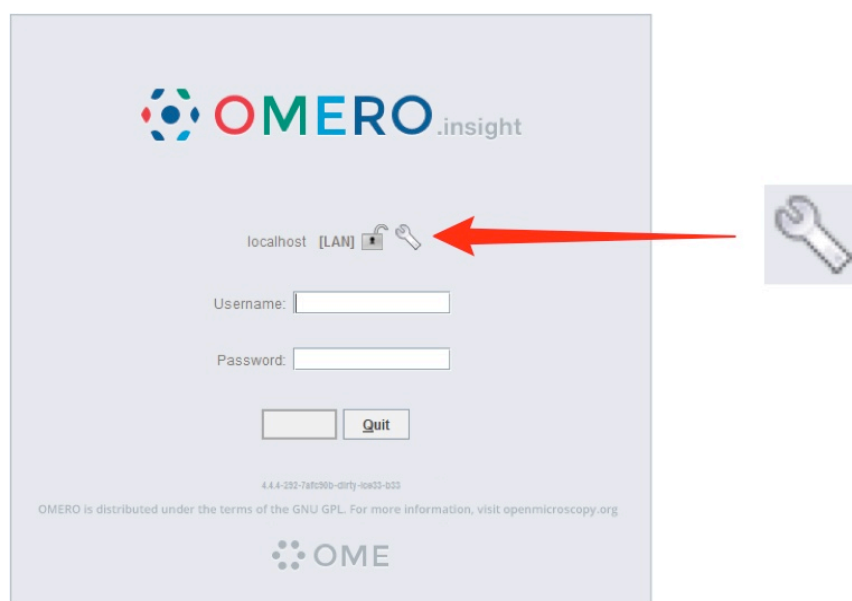
4 In the **Add Server** dialog box, click on the **+** icon.
Enter the server address:

nightshade.openmicroscopy.org

Click on **Apply**.
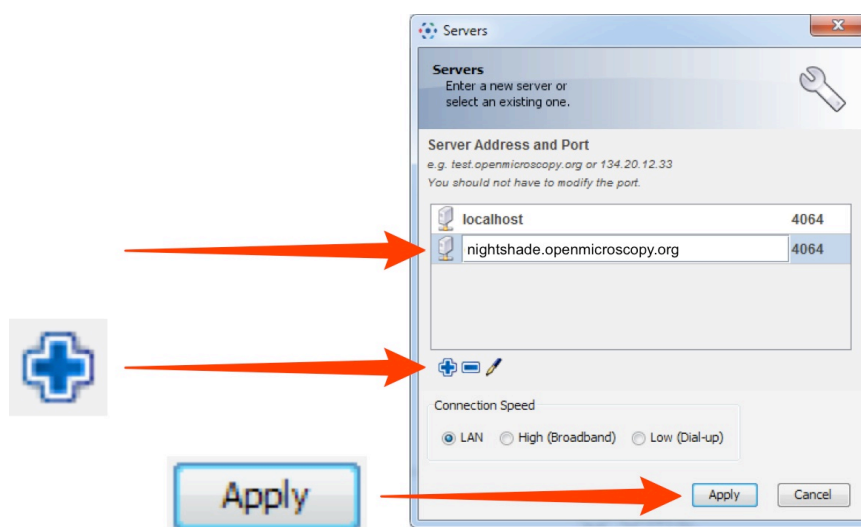
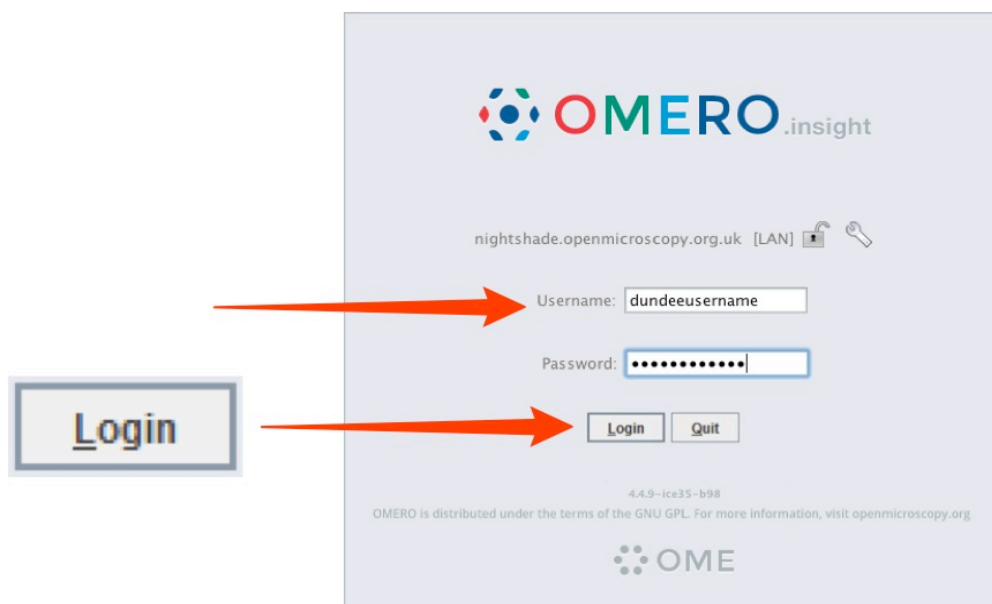**5**   Enter your University of Dundee **Username** and **Password**.
Click on **Login**.

When you log into OMERO for the first time, you will be in a "default" group, which is Private, so only you can see data you place in that group. Being a member of a read-only or read-annotate group in OMERO allows you to share data with other members of the group.

Your lab or PI may have a group you wish to use for collaborating with colleagues. Ask your PI to add you to their group or send an email giving the names of the groups you wish to be added to the Nightshade Administrator at:

sysadmin@openmicroscopy.org

More details on using groups and sharing data is on the Help page at:

http://help.openmicroscopy.org/sharing-data.html

6   Click the **Importer** icon to add image data.
Use the **File Chooser** in the Importer window to select and queue data for import.
In the location window, if you belong to more than one group, select the group you wish to import the data into.
Choose existing, or create new Projects, Datasets or Screens to import the data into.
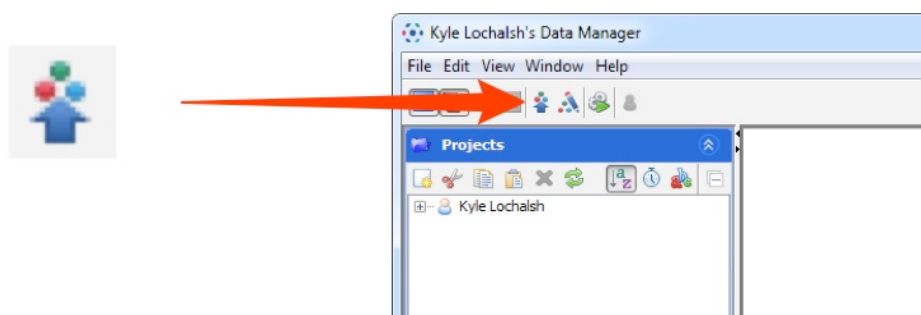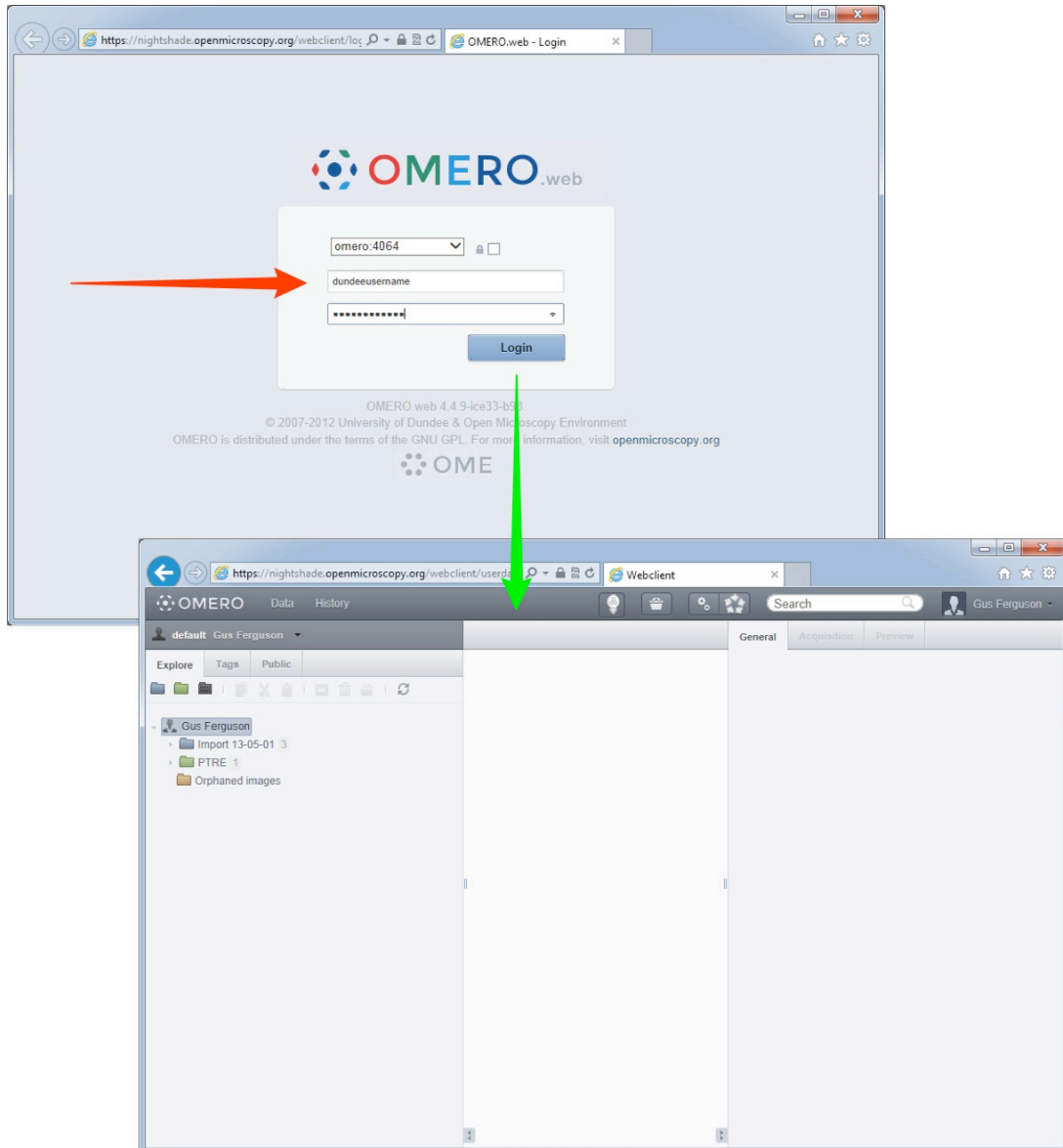
7   OMERO.web allows you to view your data from any web browser with the URL:

nightshade.openmicroscopy.org

You do not have to enter a server name.
OMERO.web uses the same login, and has the same functionality, as OMERO.insight,
except OMERO.web cannot import data or create new Regions of Interest (ROIs).

Detailed User Guides for common workflows using OMERO.insight and OMERO.web are
available online and for download at:

help.openmicroscopy.org

For help to get started using OMERO or any other questions please email us at:

ux@openmicroscopy.org