How to use the Comparative Pathology OMERO Server

Registration

See the administrator (Mike Wicks / Prof. Mark Arends / Ewan McDowall) to set up an account for you.

NOTA BENE!

If you do NOT have an account on an OMERO Server, you will NOT be able to "see" any Images from that OMERO server in the Comparative Pathology Workbench! Instead you will only see the Names of the images referenced in the Workbench. When you have obtained an account on the Comparative Pathology OMERO server, login in here: <u>https://omero-czi-cpw.mvm.ed.ac.uk/webclient/</u>

	omero:4064 Password: Forgot your password?
© OMERO is distribute	OMERO.web 5.4.7-ice36-b93. 2007-2018 University of Dundee & Open Microscopy Environment ad under the terms of the GNU GPL. For more information, visit openmicroscopy.o

When you log in successfully, you should see the following screen:

OMERO Data History Help Figure	Parade Admin	Search: Q 🔝 Mike Wicks -
L MVM Mike Wicks 👻	Thumbnails	General Acquisition Preview
Explore Tags Shares		
- 💦 Mike Wicks		

PLEASE change your password by using the User, User Settings Main Menu Option, in the top right hand corner - Check that your Default Group is "MVM"

Fields marked in red are man	datory. Username: First name:	mwicks23 Mike
	Middle name:	Wicks
	Email:	michael.wicks@ed.ac.uk Edinburgh University
Change	Default group: Password:	MVM (rwra)
		Save

Loading Data to the Comparative Pathology OMERO Server

Download and install "OMERO Insight" from here: https://www.openmicroscopy.org/omero/downloads/

Run OMERO Insight

Run Insight, and you should see the Login Dialog, thus:

••••••••••••••••••••••••••••••••••••••	p
omero-czi-cpw.mvm.ed.ac.uk [High] 🖺 🖏	
Username: mwicks23	
Password:	
Login Quit	IE
5.4.7-ice36-b93 OMERO is distributed under the terms of the GNU GPL. For more information, visit openmicroscopy.org	
••• OME	

Add the URL "omero-czi-cpw.mvm.ed.ac.uk" to Insight using the "Spanner" icon.

Ensure the Padlock is SHUT

Supply your OMERO Credentials – Username and Password

When you successfully log in, you should see a screen like this:



To upload data, press the "Importer" icon:



You will then see the Importer Dialog, thus:

Select Data to Import	wirks23				Files to im	port Options	
Name Applications Desktop Docker Documents Downloads Doropbox	 Date Modified Wednesday, 13 June 2018 13:15 Thursday, 21 March 2019 15:37 Wednesday, 28 November 2018 15:53 Friday, 8 March 2019 12:29 Thursday, 21 March 2019 13:57 Tuesday, 12 February 2019 08:59 		Free Spa File or Folder	Group	Owner	Project/Data Folder as or Screen Dataset	Size
eclipse-workspace Library Movies Music OME OMERO Pictures Public PycharmProjects	Thursday, 14 June 2018 13:28 Thursday, 1 November 2018 09:46 Monday, 28 May 2018 15:48 Wednesday, 13 June 2018 13:40 Wednesday, 9 January 2019 10:40 Thursday, 21 March 2019 15:28 Wednesday, 23 January 2019 08:41 Monday, 28 May 2018 15:48 Friday, 29 June 2018 12:38	 <td></td><td></td><td></td><td></td><td></td>					
 server Sites Virtual Websites WebstormProjects 	Monday, 21 January 2019 10:48 Friday, 3 August 2018 11:35 Monday, 2 July 2018 09:59 Monday, 30 July 2018 12:09 Friday, 29 June 2018 09:08						

Simply navigate to the location of the data you want to upload, using the controls on the Left-Hand Side of the screen, and press the ">" or ">>" icons to select your required data.

You are then presented with a further Dialog, requesting you to define the destination of your upload.

Define the destination of your	r upload, using the next dialog:
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	Import Location - Select where to import your data.		
Group	MVM		
Import For	Mike Wicks		
	Projects Screens		
Project	No Project	\$	New
Dataset	New From Folder	\$	New
Close	Refresh	dd to	o the Queue

NOTA BENE!

- I recommend creating Project and Dataset Names and Descriptions that are as FULLY DESCRIPTIVE as possible;
- I recommend avoiding using SPACES or any "special" characters in the Project & Dataset Names!
- I recommend appending/prepending a full date in the format YYY-MM-DD to the end of the Project/Dataset Name this helps you to discover the correct data in future, as it is obvious WHEN you created it; it also helps when you sort Names, as ascending alphabetical order is then the same as ascending Creation Date.

You WILL be prompted to select both a new or existing Project and Dataset, thus:

	unicu		
		Create	
Create Pro Create a r	ject new Project.		
Name	NewProject_2019-03-22		
Description	NewProject_2019-03-22		
			Cancel Create

AND

	Create
Create Dat Create a r	aset new Dataset.
Name	NewDataset_2019-03-22
Description	NewDataset_2019-03-22
	Cancel Create

When ready to upload, press the "Add to the Queue" button.

Add to the Queue

Then from the "Import Data" dialog press the "import" button to start the Upload



The Import is now underway

	Import Data		
Import Data			
Select data to import and monitor imports.			*
Select Data to Import #1			
Select Data to Import			
Report: 0 out of 1 uploaded	Show Failed	When up	pload is complete, the import
Import Size: 0 bytes		Reading	will continue on the server.
FAP Ademona 4 - 2016-08-25 13.41.06.ndpi	Upload138/802 MB 1min 5s Left	Processing Pending	Cancel
		Retry All Submit All	Cancel All Close

When the Import has successfully completed, you should see the screen like this ...

		Import Data			
Import Data					-
Select data to import and n	nonitor imports.				1
Select Data to Import	V Import #1 🕢				
Report: 1 out of 1 uploaded		Show Failed	Wh	en upload is complete, the in	nport
Import Size: 802 MB			wir Rea	ndow and OMERO session car ading will continue on the ser	be closed. ver.
FAP Ademona 4 -	2016-08-25 13.41.06.nc Upload	802 MB	Processing Complete	- 4	View
			Retry All Submit	All Cancel All	Close

If for any reason you do not get a GREEN TICK indicating SUCCESS, contact your local OMERO Administrator!

Close the Import Dialog, and refresh the window in "OMERO Insight" to check that the uploaded images are where you expect them to be, thus:

🗈 🖹 📰 🛊 🍇 🚳 Display Groups 🔻	
Projects	► Filter images
	Workspace: 3 of 3 images
▼ 🤔 MVM [1]	
🔻 🚨 Mike Wicks	
Adenoma_2019-03-18 [1]	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
▼ 🔁 NewProject_2019-03-22 [1]	
RewDataset_2019-03-22 [3]	
ona 4 - 2016-08-25 13.41.06.ndpi [0]	
16-08-25 13.41.06.ndpi [macro image]	
25 13.41.06.ndpi [macro mask image]	
Orphaned Images	

Then check you can see them via the OMERO Web Client:



You can also check them in the Workbench itself!



WELL DONE!

If you have got this far, you can now add your own images to your "Benches" int the Comparative Pathology Workbench!

Mike Wicks 26th June 2025