



Storage of Imaging Data at QBI with OMERO



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[home.qbi.uq.edu.au\group_microscopy](https://home.qbi.uq.edu.au/group_microscopy) is now 'READ ONLY'

ALL LAB GROUPS will need to use the UQ Research Data Manager (RDM) for storage of experimental data, which can be mounted on the new QBI HIGH PERFORMANCE network:

data.qbi.uq.edu.au¹

If you wish to use **OMERO** for storage of your imaging data, please:

- 1) Get an RDM collection
- 2) Log in to OMERO with your UQ credentials (<https://omero.rcc.uq.edu.au>) so your account gets created.
- 3) Open a ticket with support@qriscloud.org.au, asking to integrate your collection with OMERO, quoting the collection number

¹ The fast/high performance network maps to your computer via:

[\\uq.edu.au/uq-inst-gateway1](https://uq.edu.au/uq-inst-gateway1) - Windows (I:\ Drive)

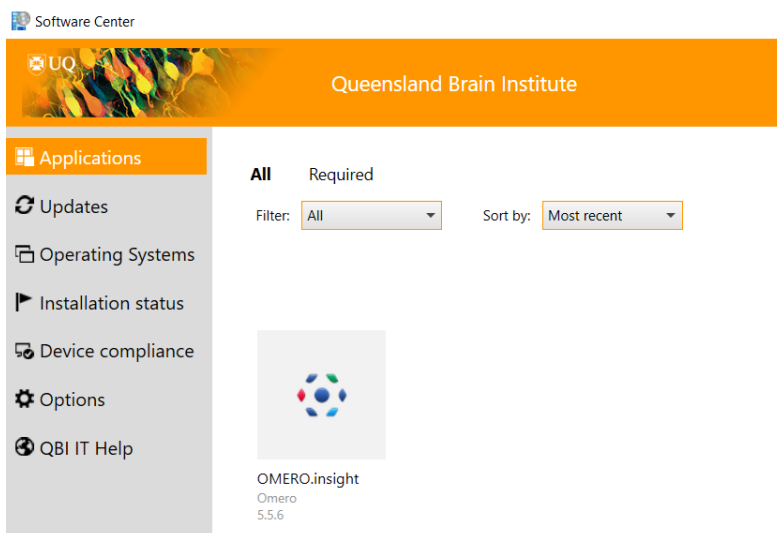
[smb://uq.edu.au/uq-inst-gateway1](https://uq.edu.au/uq-inst-gateway1) - Mac (see shares list in NoMAD)



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OMERO insight application is available from the Software Centre on Windows PCs, or you can download the latest version from:

<https://www.openmicroscopy.org/omero/downloads/>

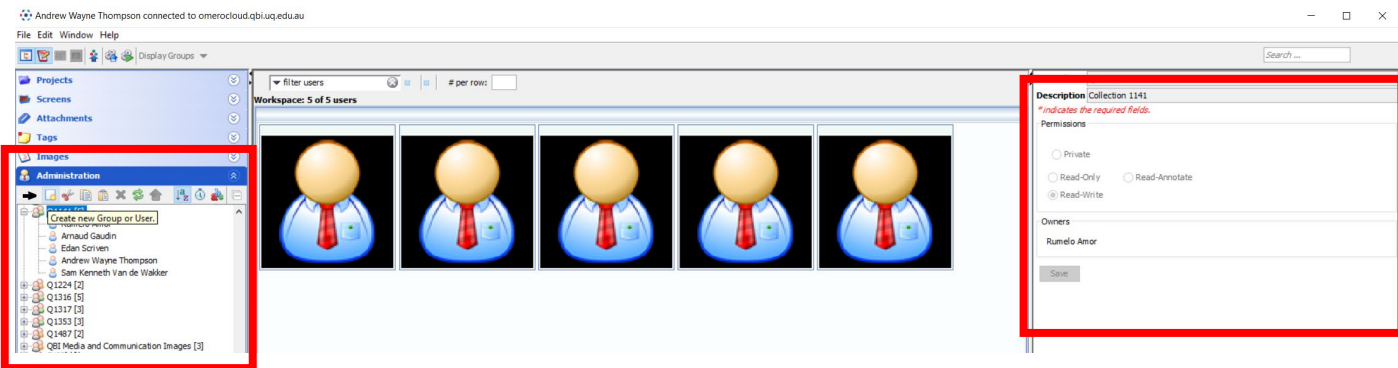




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Group owners are the administrators of the OMERO collection and can use the Administration tab on OMERO.Insight to

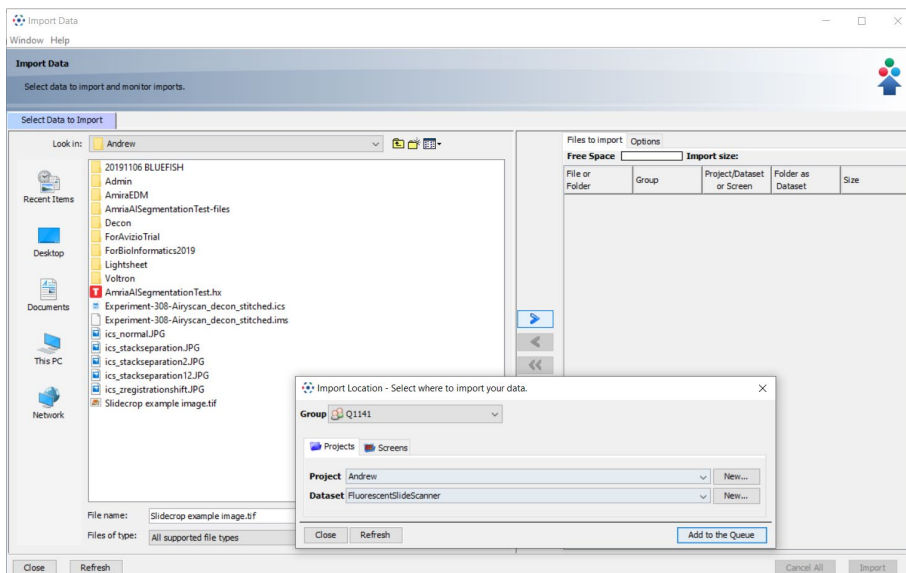
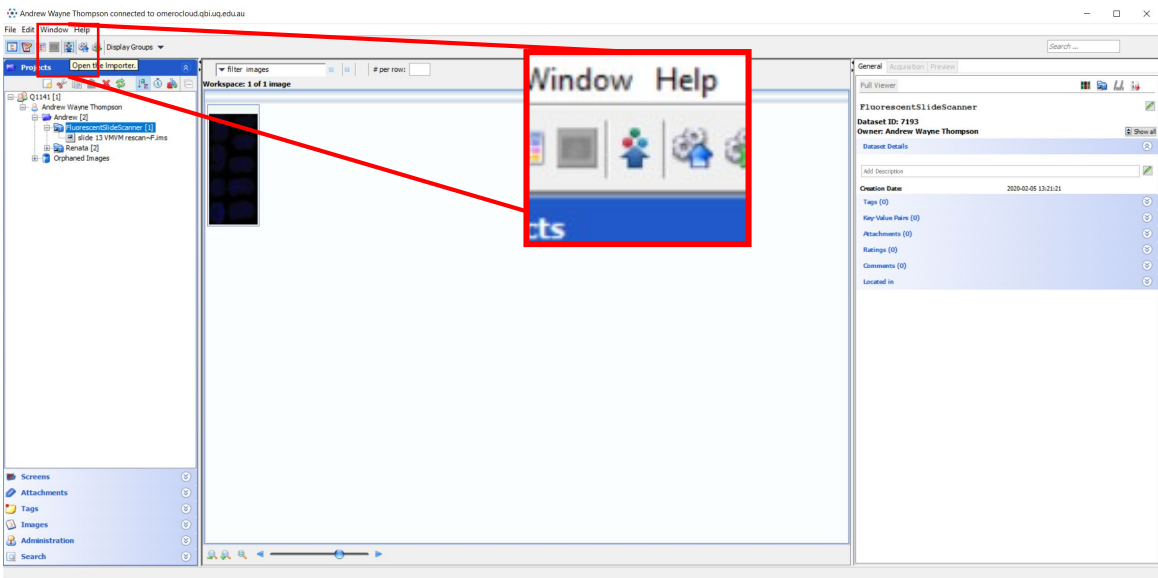
- add additional members (so all individual members do not need to create a QRIScloud ticket),
- change permissions for individuals, for example: to Read-Write so users can then access/write to/delete from all folders of the collection





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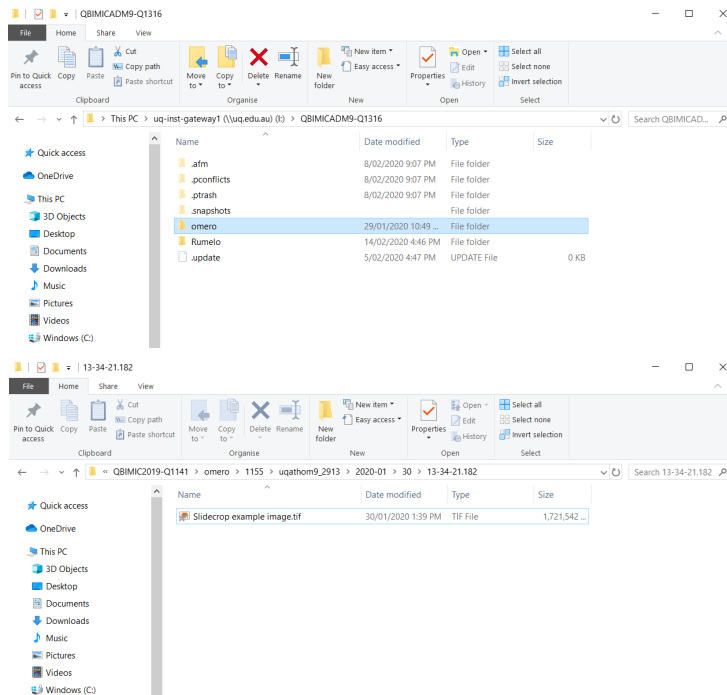
Unfortunately, OMERO cannot see files that are already stored on the RDM, it will only see files uploaded through the Insight Uploader (blue up arrow in the OMERO.Insight application). For users to organise/share their data through OMERO, files that are already in RDM would need to be uploaded again through Insight, effectively duplicating the data.



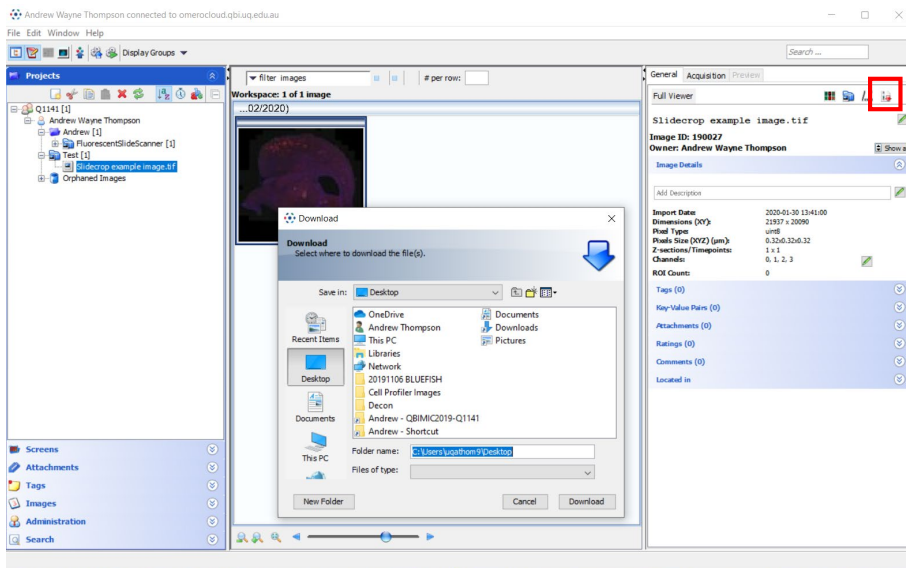


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Once uploaded, these files will show up in RDM inside the 'omero' directory, however folder navigation is not straightforward using File Explorer



Data is best navigated and downloaded through the OMERO.Insight application





Data Storage at QBI: REMINDER

home.qbi.uq.edu.au/group_microscopy is now '**READ ONLY**'

ALL LAB GROUPS will need to use the UQ Research Data Manager (RDM) for storage of experimental data.

For each 'Project', e.g. data relating to a particular Grant, the lab manager or member responsible for data storage will need to:

- 1) Navigate to <https://rdm.uq.edu.au/> and sign in using UQ Staff credentials
- 2) 'Create new record' and fill in the relevant details
- 3) Tick "This project data needs to be mounted on UQ HPC facilities" (this option will not be available if you are storing identifiable human data)
- 4) Add collaborators (e.g. lab members contributing data to this project) using the blue '+' button
- 5) Email QBI IT Helpdesk (helpdesk@qbi.uq.edu.au) with your RDM collection ID (e.g. Q0001) and request it be added to **data.qbi.uq.edu.au**

You will then receive instructions on how to mount this on your local computer or microscope computers.

*For the immediate future, this places the responsibility on the **USER** to **mount and unmount their own storage** collections on microscope computers **each** imaging session

*Please note this storage is for experimental data only. For admin data and productivity, please use OneDrive.

For any further help please contact QBI IT or
QBI Microscopy Facility staff
qbi.microscopy@uq.edu.au