Hamilton (NZ) Workshop

The presentation and a PDF version of the workshop are available at
https://downloads.openmicroscopy.org/presentations/2019/New-Zealand

Software versions used for this workshop:

- OMERO: 5.5.1
- OMERO.insight: 5.5.6
- OMERO.insight-ij: 5.5.6
- OMERO.iviewer: 0.8.1
- OMERO.figure: 4.0.2
- OMERO.mapr 0.3.2
- OMERO.parade: 0.1.3
- OMERO.FPBioimage: 0.3.0
- OMERO training scripts: 0.6.2
- OMERO training notebooks: 0.6.0
- OMERO-downloader: 0.2.0
- omero-metadata: 0.4.1
- Bio-Formats: 6.1.1
- Fiji/ImageJ: 2.0.0-rc-69/1.52p

Content

Import
- Cover the various import options

OMERO core concepts
- Data management - Metadata
- Search
- Viewer - OMERO.iviewer
- 3D Viewer

Analysis with 3rd party tools
- Analysis with Fiji: manual
- Analysis with Fiji: scripting

Server side analysis
Data mining using OMERO.parade

OMERO figure
- How to create quickly figures for publication
Import

Desktop client install and import

Command line import, bulk import, in-place import (for your information only)
These import sections not covered in the workshop can be found at https://omero-guides.readthedocs.io/en/latest/upload/docs/import.html

OMERO core concepts

Data management and cooperation

Viewing images (OMERO.iviewer)

Annotate data and filter using annotations

Search

Viewing images (3D viewer: OMERO.FPBioimage)

Analysis with 3rd party tools

Analysis with Fiji
For setup of the Fiji plugin see https://omero-guides.readthedocs.io/en/latest/fiji/docs/installation.html
For the walkthrough in this workshop, see the four Fiji chapters
Server side analysis

**Server-side scripts (python)**

For the part covered in the workshop, see

For further information about how to write and manage server-side scripts see

OMERO parade

**Data mining using OMERO.parade on Projects and Plates**


OMERO figure

**Fast creation of publication figures using OMERO.figure**