EastBio Demo/Workshop

The presentation and a PDF version of the workshop are available at https://downloads.openmicroscopy.org/presentations/2020/EastBio

Software versions used for this workshop:

- OMERO: 5.6.0
- OMERO.insight: 5.5.8
- OMERO.insight-ij: 5.5.8
- OMERO.iviwer: 0.9.0
- OMERO.figure: 4.2.0
- OMERO.mapr 0.4
- OMERO.parade: 0.2.0
- OMERO.FPBioimage: 0.4.0
- OMERO training scripts: 0.6.2
- OMERO training notebooks: 0.6.0
- OMERO-downloader: 0.2.0
- omero-metadata: 0.5.0
- Bio-Formats: 6.3.1
- Fiji/ImageJ: 2.0.0-rc-69/1.52p

Content

Import
- Manual import only covered

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

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

Data mining using OMERO.parade

OMERO figure
- How to create quickly figures for publication
Import

**Desktop client install and import**
For these 2 workflows shown in the workshop, see

**Command line import, bulk import, in-place import (for your information only)**
These import sections not covered in the workshop can be found at

**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
For the walkthrough in this workshop, see the four Fiji chapters
Server side analysis

**Server-side scripts (python, for your information only)**


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**