

## 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

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## Import

### **Desktop client install and import**

For these 2 workflows shown in the workshop, see

<https://omero-guides.readthedocs.io/en/latest/upload/docs/import-desktop-client.html> and  
<https://omero-guides.readthedocs.io/en/latest/upload/docs/import-desktop-client.html#import-for-another-user>

### **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**

See <https://omero-guides.readthedocs.io/en/latest/introduction/docs/data-management.html>

### **Viewing images (OMERO.iviewer)**

<https://omero-guides.readthedocs.io/en/latest/iviewer/docs/iviewer.html>

### **Annotate data and filter using annotations**

<https://omero-guides.readthedocs.io/en/latest/introduction/docs/annotate.html>

### **Search**

<https://omero-guides.readthedocs.io/en/latest/introduction/docs/search-omero.html>

### **Viewing images (3D viewer: OMERO.FPBioimage)**

<https://omero-guides.readthedocs.io/en/latest/fpbioimage/docs/fpbioimage.html>

## Analysis with 3<sup>rd</sup> 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

<https://omero-guides.readthedocs.io/en/latest/fiji/docs/installation.html>

[https://omero-guides.readthedocs.io/en/latest/fiji/docs/threshold\\_manual.html](https://omero-guides.readthedocs.io/en/latest/fiji/docs/threshold_manual.html)

[https://omero-guides.readthedocs.io/en/latest/fiji/docs/threshold\\_scripting.html](https://omero-guides.readthedocs.io/en/latest/fiji/docs/threshold_scripting.html) and  
[https://omero-guides.readthedocs.io/projects/fiji/en/latest/headless\\_notebook.html](https://omero-guides.readthedocs.io/projects/fiji/en/latest/headless_notebook.html)

## Server side analysis

### **Server-side scripts (python)**

For the part covered in the workshop, see

[https://omero-guides.readthedocs.io/en/latest/scripts/docs/execute\\_scripts.html](https://omero-guides.readthedocs.io/en/latest/scripts/docs/execute_scripts.html)

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

<https://omero-guides.readthedocs.io/en/latest/scripts/docs/index.html>

## OMERO parade

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

See [https://omero-guides.readthedocs.io/en/latest/parade/docs/omero\\_parade.html](https://omero-guides.readthedocs.io/en/latest/parade/docs/omero_parade.html)

## OMERO figure

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

See [https://omero-guides.readthedocs.io/en/latest/figure/docs/omero\\_figure.html](https://omero-guides.readthedocs.io/en/latest/figure/docs/omero_figure.html)