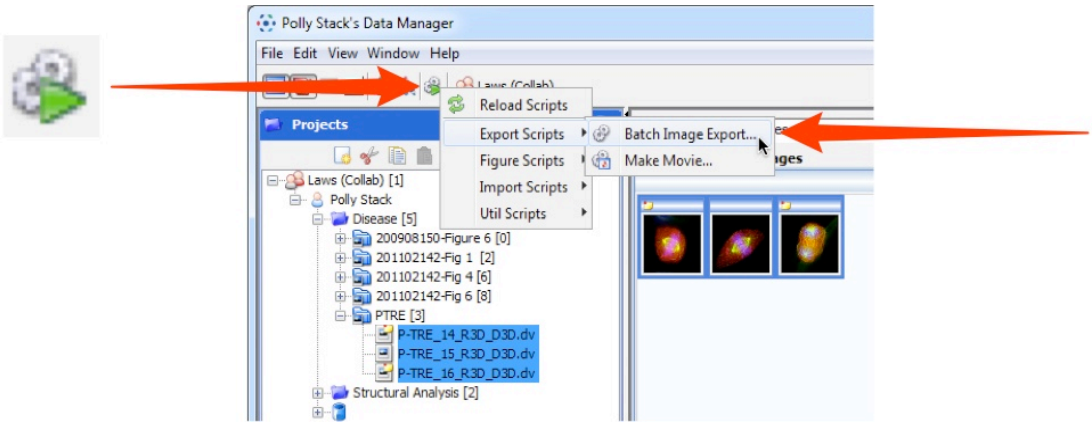
Using Scripts to Export Images

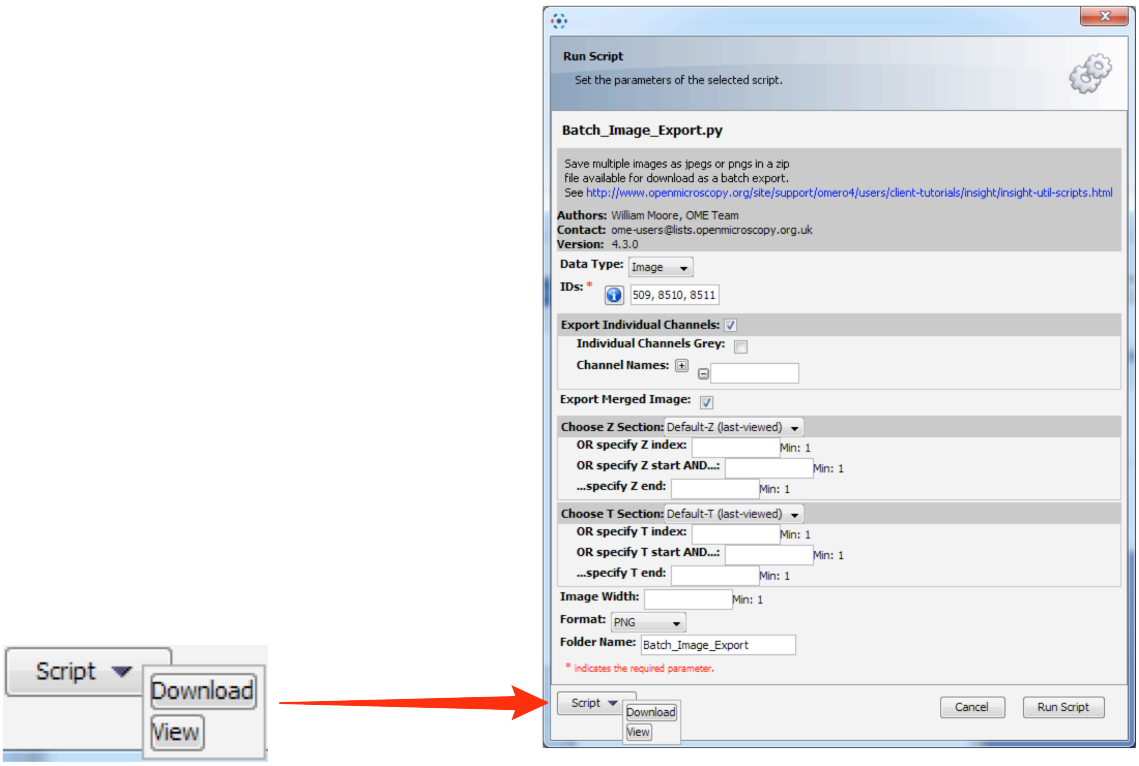
OMERO allows you to use scripts to add functionality to OMERO.

Scripts are usually written in Python and run on the server. They could be written in another language, but a Python wrapper is used.

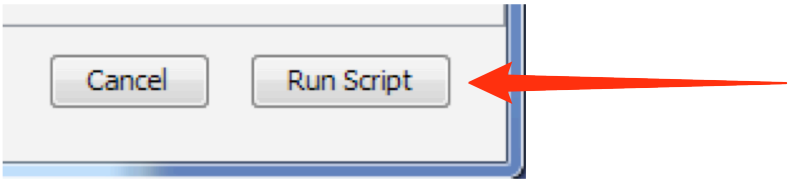
1 Select images and click on the **Run Scripts** icon in the toolbar.
You will see a menu showing the currently available scripts.
Choose **"Export Scripts" > "Batch Image Export…"**



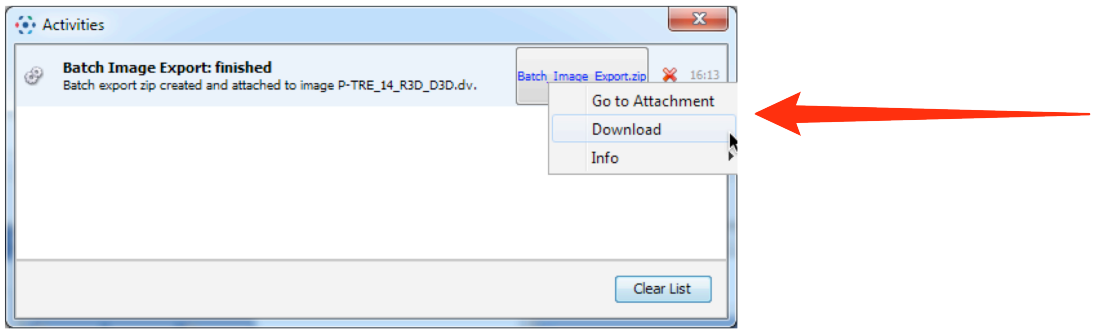
2 A dialog is generated from the parameters in the script, with image IDs filled-in for the images you selected.
Other fields are optional or have default values.
You can view or download the Python script itself if you are interested.



3 Optional: you can edit the script parameters if you want to.
Click **Run Script** to finish.



4 When the script has completed, you may have several options to access the results:



5 The following options are available in OMERO.Insight for exporting images using scripts.
These images can be downloaded and further refined for publication.

Export Scripts

- Batch Image Export
  Saves multiple images as JPEG or PNG images in a zip which is then available for download.
- Make Movie
  Creates a movie of the image (z stacks and t sequences) and attaches it to the image.

Figure Scripts

- Movie Figure *
  Export a figure of a movie, showing a row of frames for each chosen image.
- Movie ROI Figure
  Create a figure of movie frames from ROI region of image.
- ROI Split Figure *
  Create a figure of an ROI region as separate zoomed split-channel panels.
- Split View Thumbnail *
  Create a figure of split-view images.
- Thumbnail Figure *
  Export a figure of thumbnails, optionally sorted by tag.

* Better user interfaces for the majority of these script can be accessed under 'Publishing Options'.

The images generated by the scripts can be downloaded and further refined for publication.

Other scripts in the menu are generally for more specialised workflows.