

Exporting Images

In OMERO you are able to download any image in its original format, or export it as an OME-TIFF, JPEG, PNG or TIFF image.

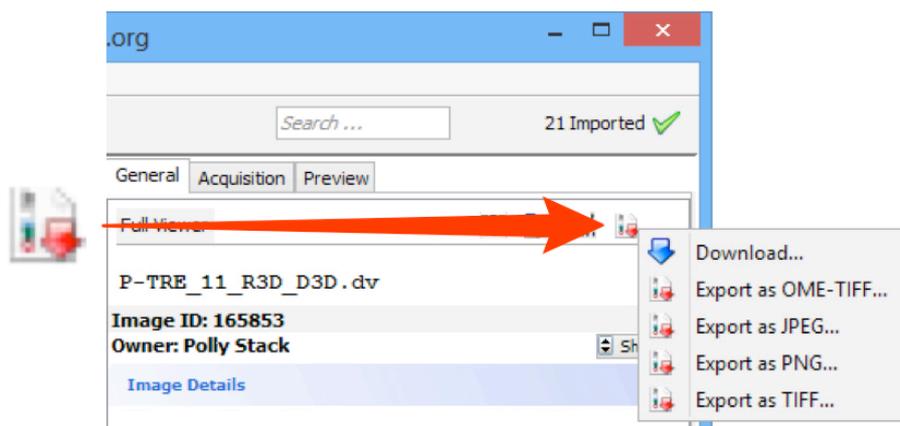
The following matrix details the levels at which the different export formats are enabled.

Operation	Projects	Datasets	Multiple Images	Single Images
Download in Original Format	X	X	X	✓
Export as OME-TIFF	X	X	✓	✓
Export as JPEG, PNG or TIFF	X	✓	✓	✓

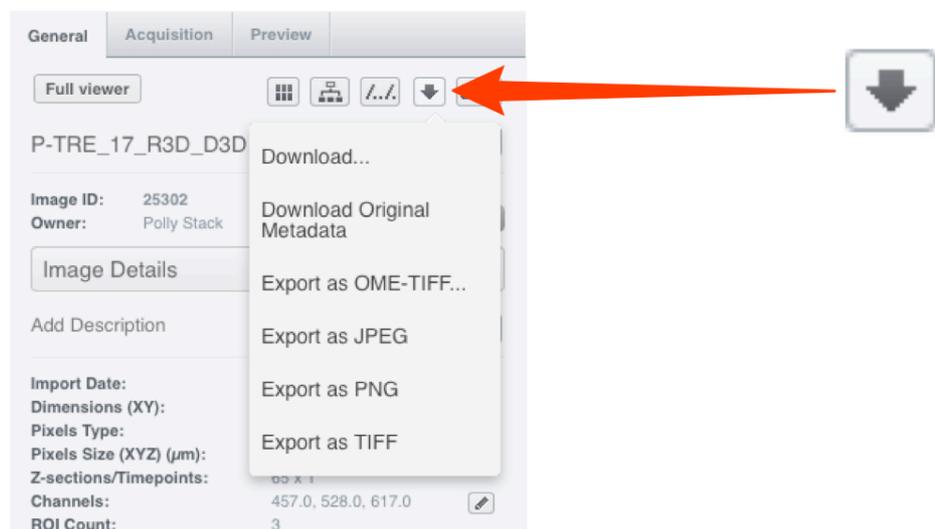
Note: If an image was imported before OMERO version 5.0 it can only be downloaded in the original format if it was archived at import.

1 Click on the **Export** icon in the toolbar.

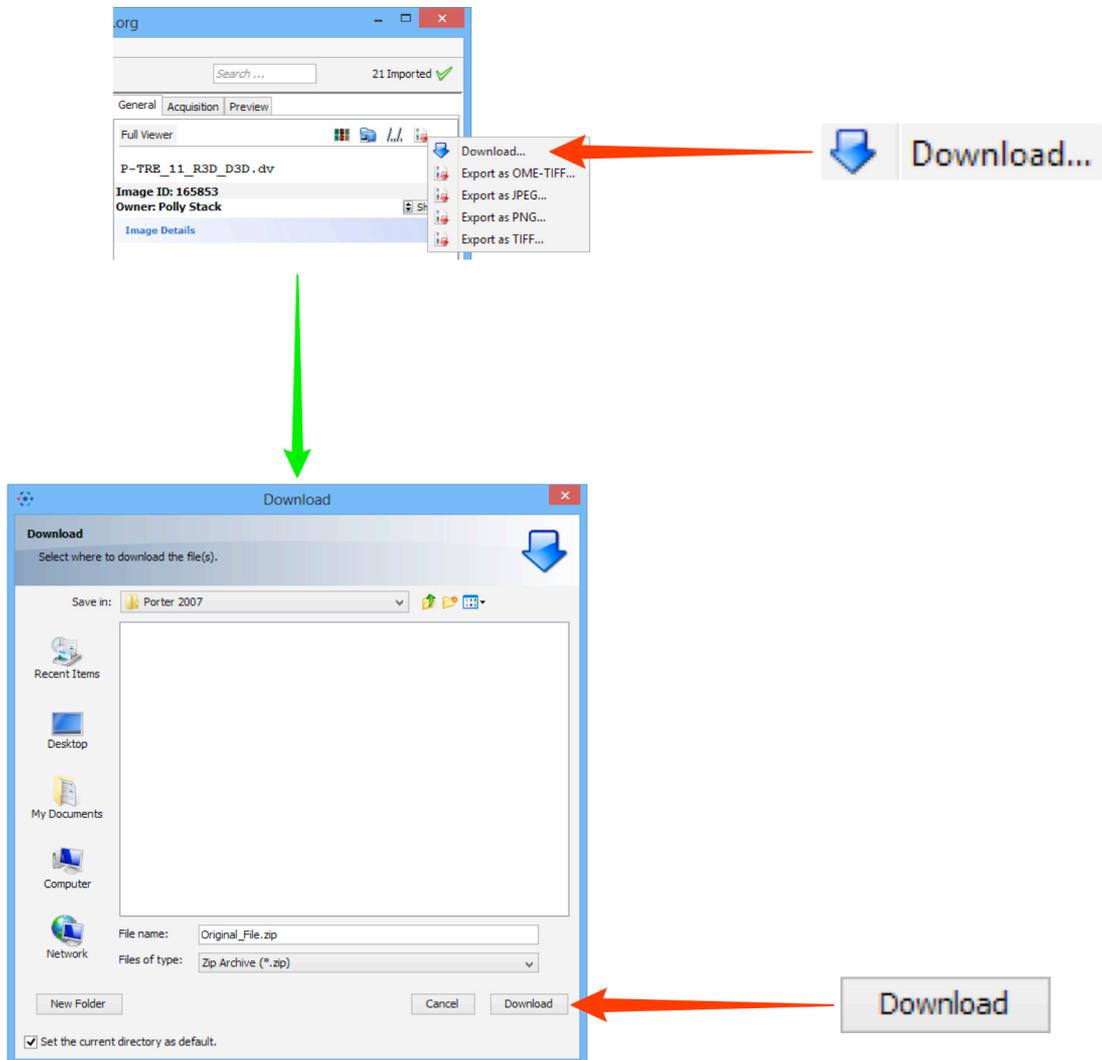
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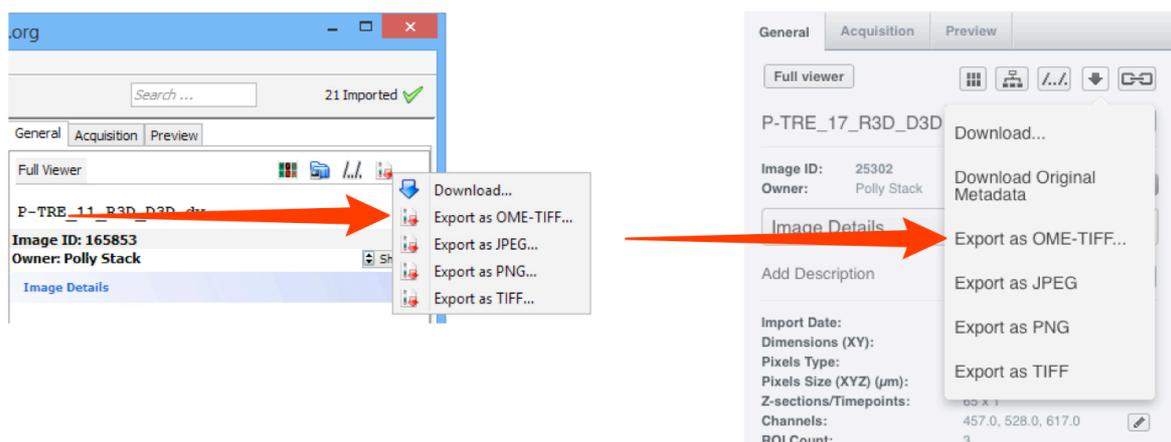
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- 2 Select **Download** from the drop-down to download the image in its original format. In OMERO.insight, choose the destination folder in the Download window and click **Download**. In OMERO.web the file will be downloaded according to your browser convention.

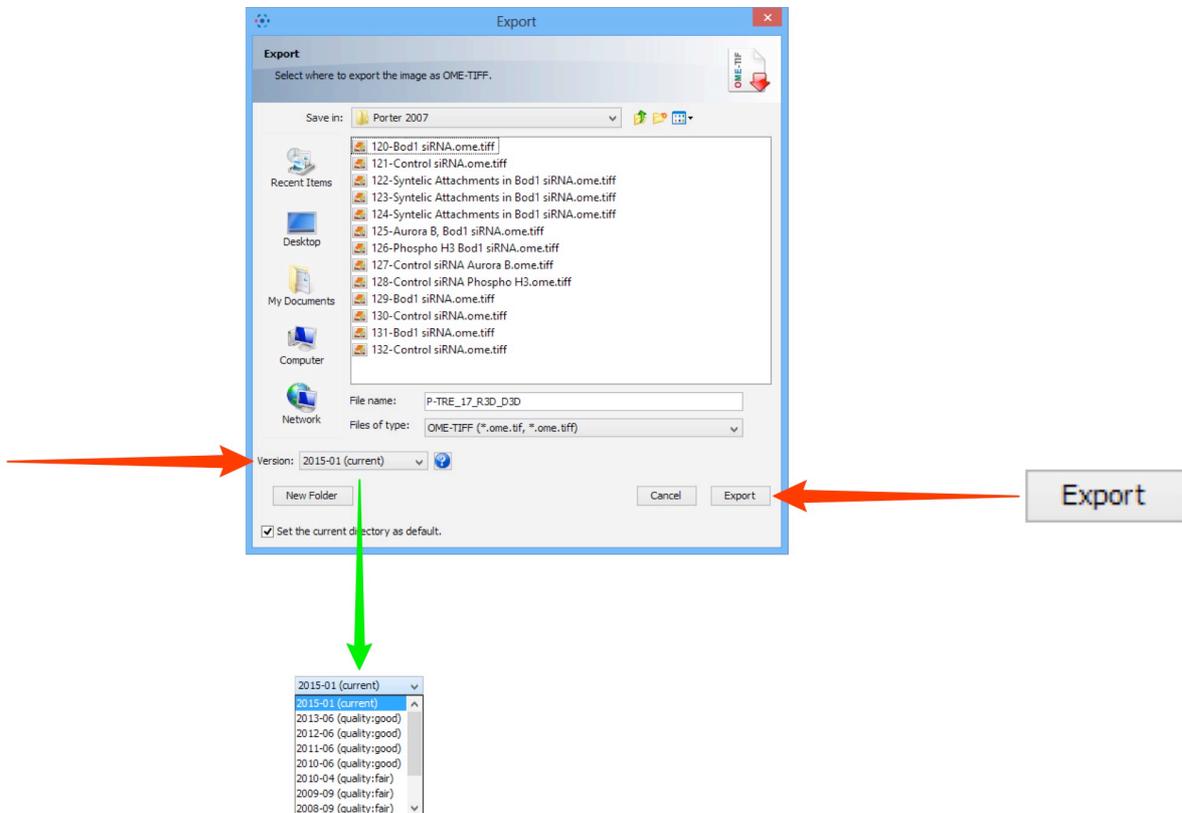


- 3 Select **Export as OME-TIFF** from the dropdown menu to export in OME-TIFF format.



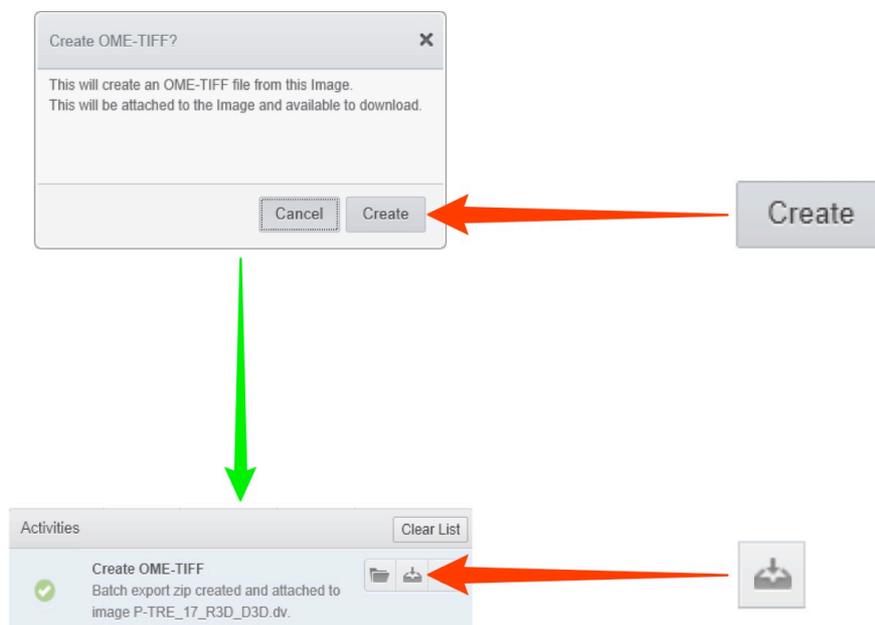
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Use the file finder in the Export window to choose the destination.
Select the OME-TIFF version to export, from the drop-down in the bottom left.
Click **Export** to create and download the OME-TIFF as a ZIP archive.



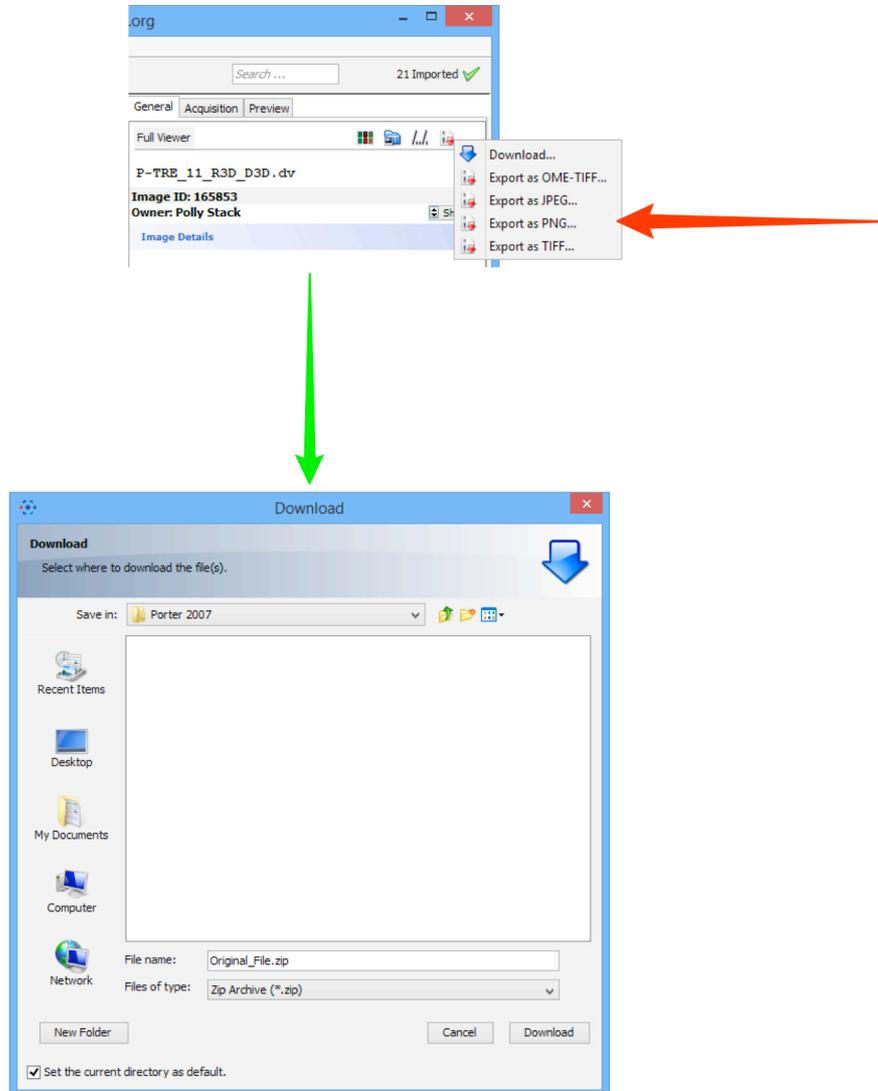
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Click **Create** to generate the OME-TIFF using the latest version.
The OME-TIFF is attached to the image as a ZIP archive.
Click **Download** in the Activities window to download the archive.

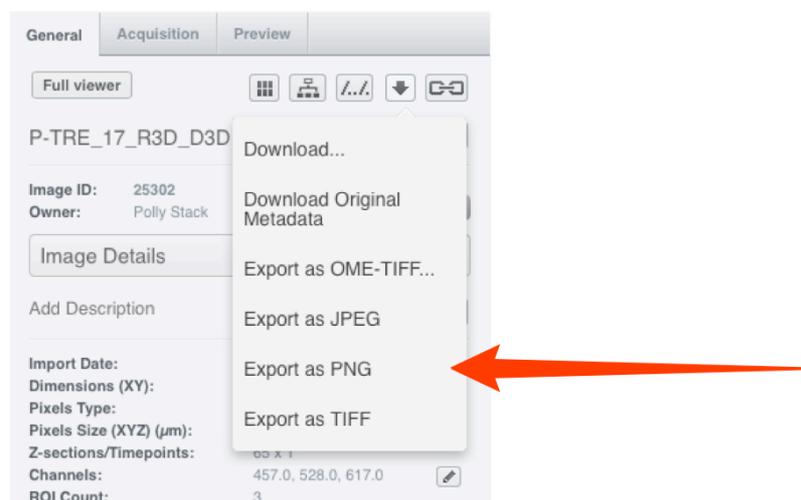


- 4 Select the appropriate format to export the image as a JPEG, PNG or TIFF.
 In OMERO.insight, use File Finder in the Download window to select the destination.
 In OMERO.web the file will be downloaded according to your browser convention.

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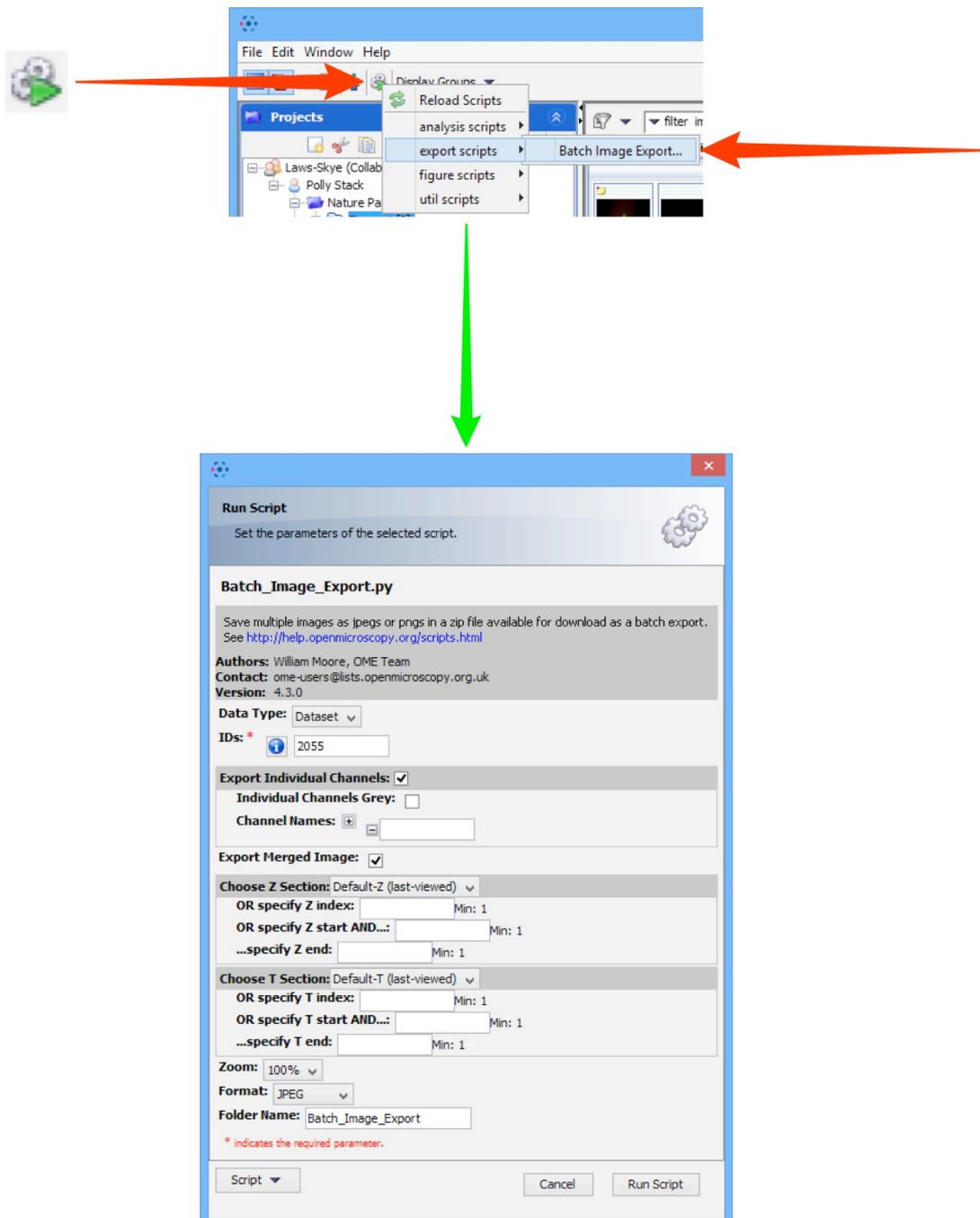


Note: When an image or dataset is downloaded as a JPEG, PNG or TIFF, individual images for each channel and a combined-channel image are generated for the selected Z section or time point for the image(s). All generated images are contained in a ZIP archive.

Using Batch Image Export

- 1 An alternative way to export multiple selected images or an entire dataset is to use the **Batch Image Export** script. This script enables a wide range of parameters to be configured before batch exporting.

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The screenshot illustrates the process of running the 'Batch Image Export' script in OMERO.insight. It shows the 'Scripts' menu being opened, with 'Batch Image Export...' selected. Below, the 'Run Script' dialog for 'Batch_Image_Export.py' is displayed, showing various configuration options:

- Data Type:** Dataset
- IDs:** 2055
- Export Individual Channels:** (checked)
- Individual Channels Grey:** (unchecked)
- Channel Names:** [Empty field]
- Export Merged Image:** (checked)
- Choose Z Section:** Default-Z (last-viewed)
 - OR specify Z index: [Empty field] Min: 1
 - OR specify Z start AND...: [Empty field] Min: 1
 - ...specify Z end: [Empty field] Min: 1
- Choose T Section:** Default-T (last-viewed)
 - OR specify T index: [Empty field] Min: 1
 - OR specify T start AND...: [Empty field] Min: 1
 - ...specify T end: [Empty field] Min: 1
- Zoom:** 100%
- Format:** JPEG
- Folder Name:** Batch_Image_Export

* indicates the required parameter.

Buttons: Script, Cancel, Run Script

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