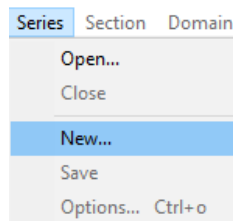


Starting a New Series

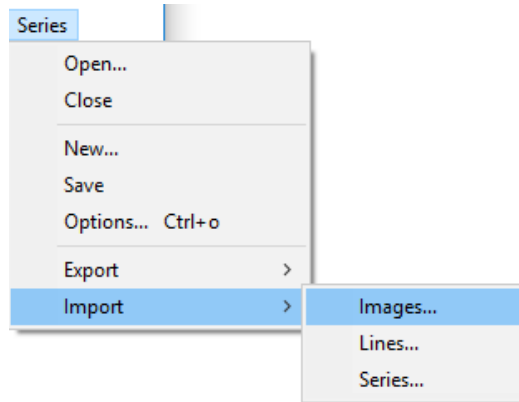
Patrick Parker
Oct. 2017

Make a new series & import images

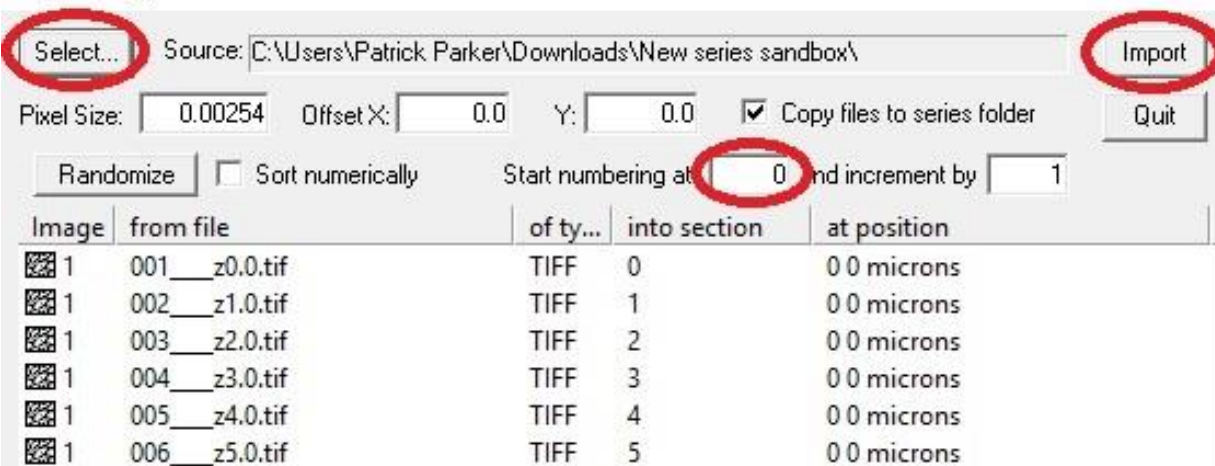
1. **Make a new series** – In Reconstruct, go to Series > New... > Select folder & name the new .ser file. That .ser file will then automatically open in Reconstruct, and you can import images to it.



2. **Import images** – Series > Import > Images... > Select... > Browse to find the images, select them all > Open. If you have a calibration grid, set “Start numbering at” to 0, so that the cal grid will be section 0. Import > Quit. That will open the images in your series and create the trace files for each section. (You may need to hit Home to center image.)



Import Images



The 'Import Images' dialog box is shown. The 'Select...' button is circled in red. The 'Source' field contains 'C:\Users\Patrick Parker\Downloads\New series sandbox\' and the 'Import' button is circled in red. The 'Start numbering at' field is set to 0 and is circled in red. The 'Quit' button is also visible.

Pixel Size: 0.00254 Offset X: 0.0 Y: 0.0 Copy files to series folder

Randomize Sort numerically Start numbering at 0 and increment by 1

Image	from file	of ty...	into section	at position
1	001__z0.0.tif	TIFF	0	0 0 microns
1	002__z1.0.tif	TIFF	1	0 0 microns
1	003__z2.0.tif	TIFF	2	0 0 microns
1	004__z3.0.tif	TIFF	3	0 0 microns
1	005__z4.0.tif	TIFF	4	0 0 microns
1	006__z5.0.tif	TIFF	5	0 0 microns

3. Import calibration grid – This step is not necessary if you imported a calibration grid in Step 2. If you have already imported images and want to add a calibration grid at a later time, select Section > New... > Enter new section number: 0. That will create section 0 for your calibration grid. Then select Domain > Import image... > Select & Open calibration grid image. The calibration grid is now section 0.

Next, read the Calibration Protocol to calibrate the series.

Do not make any traces until you have calibrated the series!