

Pannoramic Viewer → ImageJ Instructions

Created by Diana Doeing, MD, from Steven White's lab at the University of Chicago. Some information, such as file location, may be relevant to UChicago users only.

Your slides have been scanned, and the images are on the network drive:
([\\165.68.210.200\data](http://165.68.210.200/data))

Your login and password are your cnet login and password. The directions on how to map your computer to the server can be found on our website:
<http://digital.uchicago.edu/resources.html>

The software (Pannoramic Viewer) to view your files can be found at www.3dhistech.com and is only for PCs. Remember to move your files onto your server within 30 days, because they will automatically be deleted. If you have any questions or need any help, ask Shirley Bond: sbond@bsd.uchicago.edu

Open Pannoramic Viewer.

Go to network drive: ([\\165.68.210.200\data](http://165.68.210.200/data))

Choose your folder (labeled after your Cnet ID)

Open slide of interest (see "slide info" after opening slide file for label)

Outline "annotated" section of slide that you wish to export. Save as "(new title)"

Then go to (File -> Slide export (CTRL+E))

Select the annotated file (see new title that you saved it as)

Then Save as to PC/Mac or external HD (will be exported as a tiled TIF file)

Next open the newly exported file using PHOTOSHOP or Preview (for Mac)

And resave or export as a .tif file again (new name) – this will "untile" the image so that it can be opened in ImageJ

Transfer file to external HD and back up on second drive (files will be large)

Next go to imageJ and select File-> open (go to last file that was saved from PHOTOSHOP or Preview or Windows Paint)

Or option 2:

Image I/O plugin bundle installation for ImageJ will work with Pannoramic export tiled TIF files so that you may open them directly via ImageJ. One of most relevant: <http://ij-plugins.sourceforge.net/plugins/imageio/index.html>

The jimi plugins can also be found on the ImageJ website:

<http://rsbweb.nih.gov/ij/plugins/jimi.html>

Download the following plugins:

ij-ImageIO_.jar

Jimi_Reader.class

Jimi_Writer.class

jimi.jar

Then copy and paste them into the plugins folder for in the ImageJ program file folder on your computer. Next re-open ImageJ. Go to Plugins. Choose compile and run... and select "ij-ImageIO_.jar"

Then go back to plugins tab. You should now see Image IO in the drop down menu. Select this, then Open. You can now open your tiled .TIF annotated file that you exported from Pannoramic Viewer. This obviates the need for the additional step of resaving the file in a program like Preview or Photoshop.

If you are still having difficulty or encounter issues with ImageJ analysis techniques, please refer to online user guide or contact Shirley Bond:

sbond@bsd.uchicago.edu or Vytas Bindokas: ybindoka@bsd.uchicago.edu

Or you may also try contacting Pannoramic Viewer support:

support@3dhistech.com