

☆ ImageJ Download Instructions for Students

last edited by  Kim Moore 9 months ago

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General Instructions:

How to Download ImageJ (w/ "Manual Tracking" and "MultiTracker" plug-ins.)

One of the modern tools that we will use is an image/video analysis software called ImageJ. Students will learn more about this in the pre-reading to a future lab (Lab 1b). ImageJ software is used in lots of biomedical research labs--some students may already be familiar with it/have heard of it. This software will be used for over half of the labs and for occasional homeworks, so it is good for students to have access on their laptop/home computer.

Software can be downloaded from: <http://rsbweb.nih.gov/ij/download.html>

Students will need to choose the correct version to match their laptop. PC users need to choose the correct version to match their version of Java. They can find this by accessing the Control Panel, System Properties (System and Security), System, System type. For most newer laptops, 64-bit is the correct choice.

Once this has been downloaded (SAVE, don't OPEN) and installed (default installation recommended), two plug-ins must also be downloaded. These plug-in files (linked below), should be SAVED (not opened) to the Stacks folder in the Plugins folder in the ImageJ folder that has been created during installation on their hard drive. For MAC users, it is imperative that students not open/run ImageJ until these files have been saved to the appropriate location, and that these files have been SAVED, not opened. (MACs are a bit pickier, here, than PCs). If any students are having way too much trouble accomplishing this, please visit Kim Moore's Course Center hour this Thursday, 3-4 pm in room 0208.

Plugins:

Manual Tracking: <http://rsbweb.nih.gov/ij/plugins/track/track.html>

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

If those instructions don't work for you or don't make sense to you, try these:

- 1) Go to <http://rsbweb.nih.gov/ij/download.html>
- 2) Click the download link that is appropriate for your operating system
- 3) Open the file that is downloaded (.zip for MAC and .exe for windows)
- 4) Locate the "ImageJ" folder on your computer for reference purposes
- 5) Go to <http://rsbweb.nih.gov/ij/plugins/track/track.html>
- 6) Next to where it says "**Installation:**" right-click "[Manual Tracking.class](#)" and select "Save Link As..." from the drop down menu
- 7) When it asks you where you would like to save it, find the "ImageJ" folder on your computer, inside "ImageJ" there is a folder called "Plugins", and inside the "Plugins" folder there is another folder called "Stacks", save "[Manual Tracking.class](#)" in the "Stacks" folder.
- 8) Go to <http://rsbweb.nih.gov/ij/plugins/multitracker.html>
- 9) Next to where it says "**Installation:**" right-click "[MultiTracker.class](#)" and select "Save Link As..." from the drop down menu
- 10) When it asks you where you would like to save it, find the "ImageJ" folder on your computer, inside "ImageJ" there is a folder called "Plugins", and inside the "Plugins" folder there is another folder called "Stacks", save "[MultiTracker.class](#)" in the "Stacks" folder.