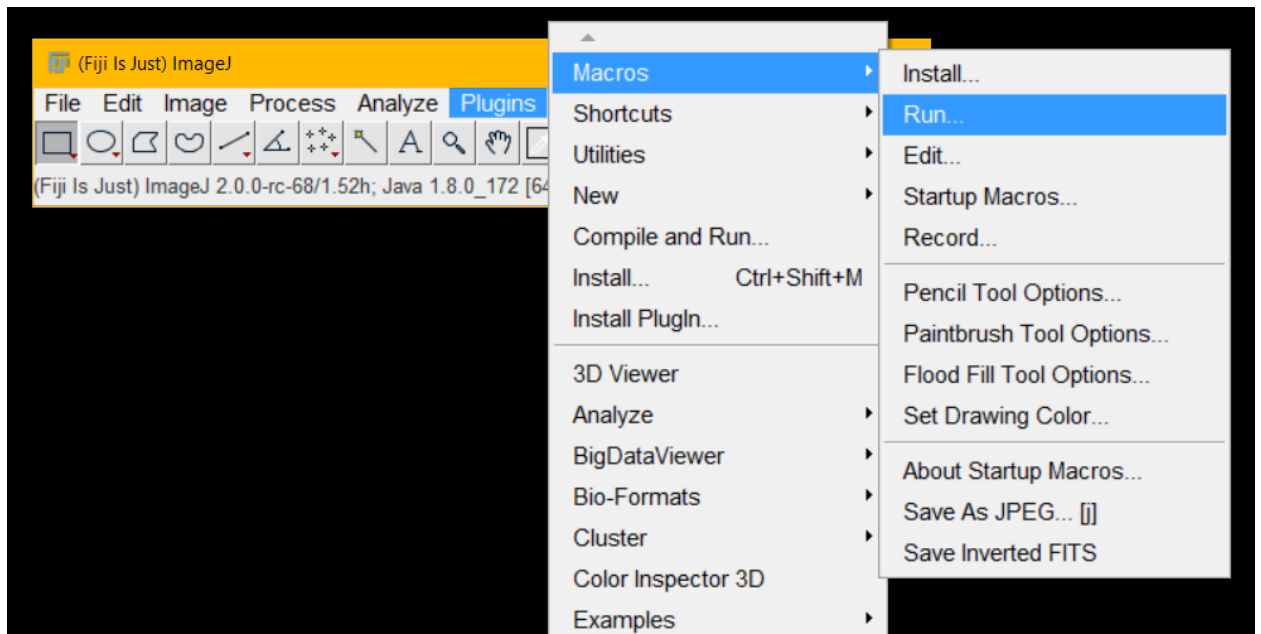


Installation

1. Download and install Fiji (Fiji is just ImageJ with included popular plugins) from <https://fiji.sc/#download>.

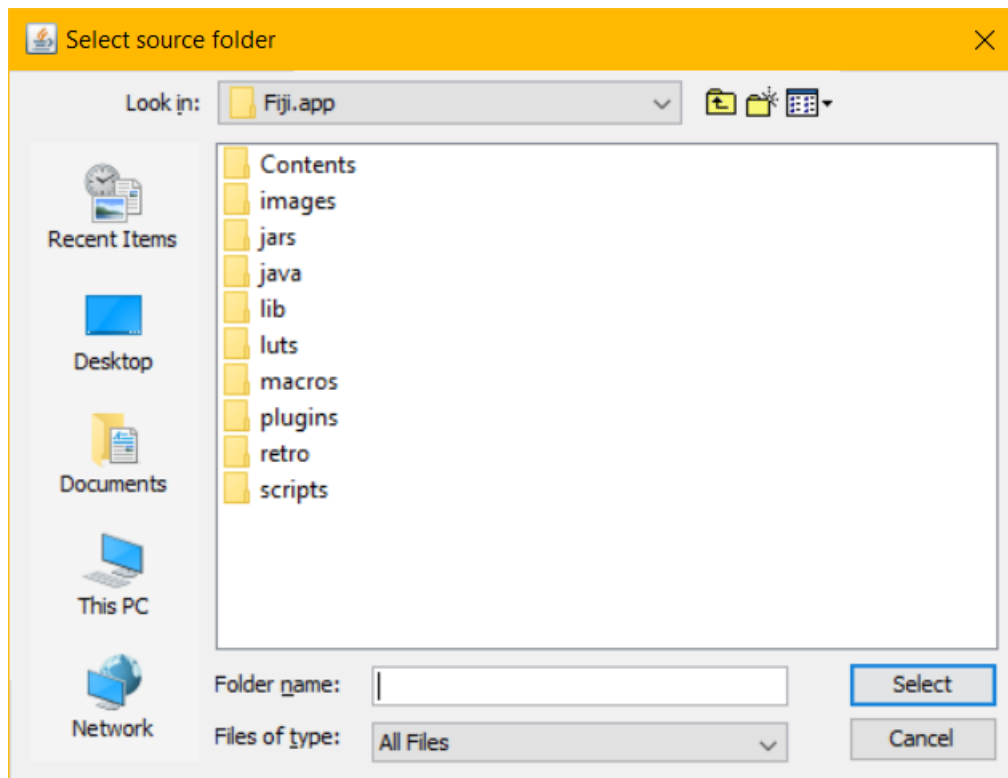
Usage

1. Extract the contents of *package.zip* to any directory
2. Open Fiji.
3. Run the included macro (.ijm file) under Plugins > Macros > Run... by selecting the *macro_bin_skeleton.ijm* in the file chooser dialog.

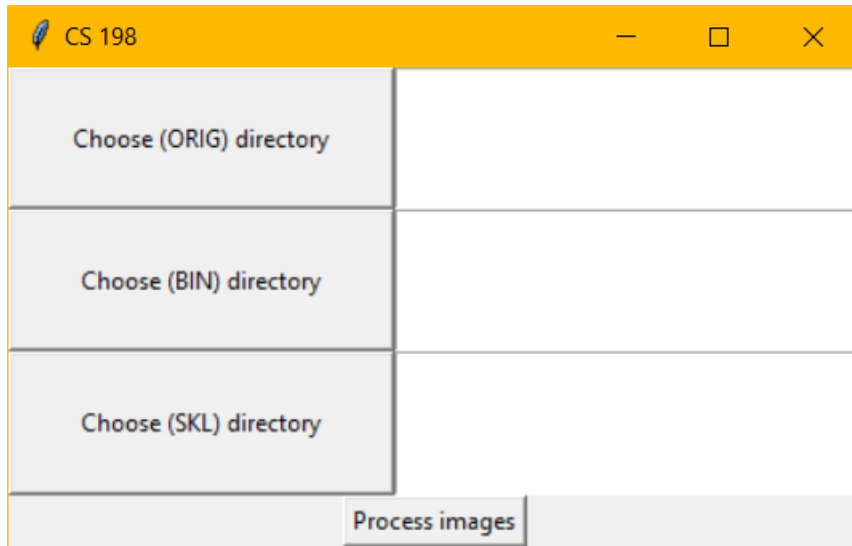


d

4. The macro will ask for three directories. The first one should be the path to the source images (the ones that will be processed), the second and the third directories will be the output directory of the binary versions and the skeletonized images respectively.



5. After Fiji has processed the photos from the source directory, you may close the program. *The processed photos will be saved in .bmp format*
6. Run *dist/main.exe* included in the package.
7. Using the program's provided GUI, again, select the respective directories where the processed images were exported to. *From top to bottom: original, binary, then skeletonized images*



8. After selecting the directories, click on the *Process images* button.
9. The processing might range from a few seconds to minutes depending on the number of input images. When the program has finished computing, a new window will appear showing an overview of the results.
10. A .csv file will also be produced for easier viewing in spreadsheet programs.

NOTE: The scrollbar of the results windows still has a bug depending on the computer. If the scrollbar is greyed out, please refer to the csv file for the values instead. Just use any spreadsheet program for convenient viewing.