

Instructions for the dishy program.

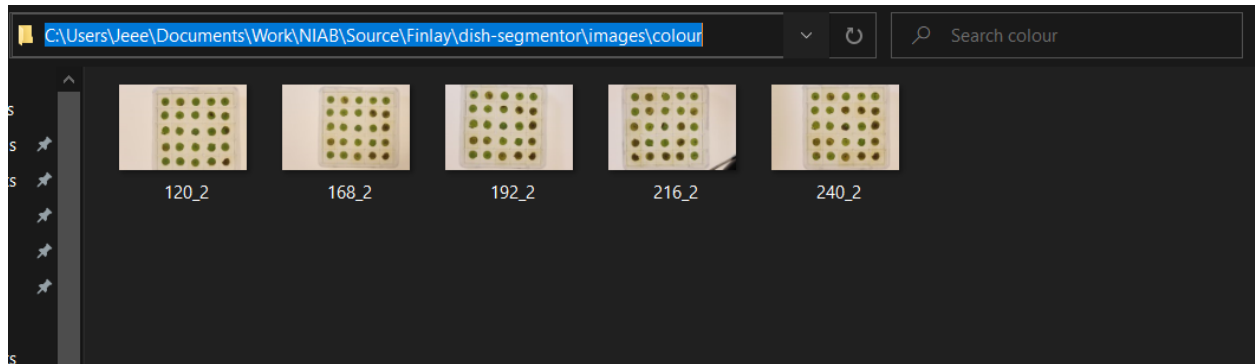
Version 0.1 alpha (with the script thing)

Pre-requisites

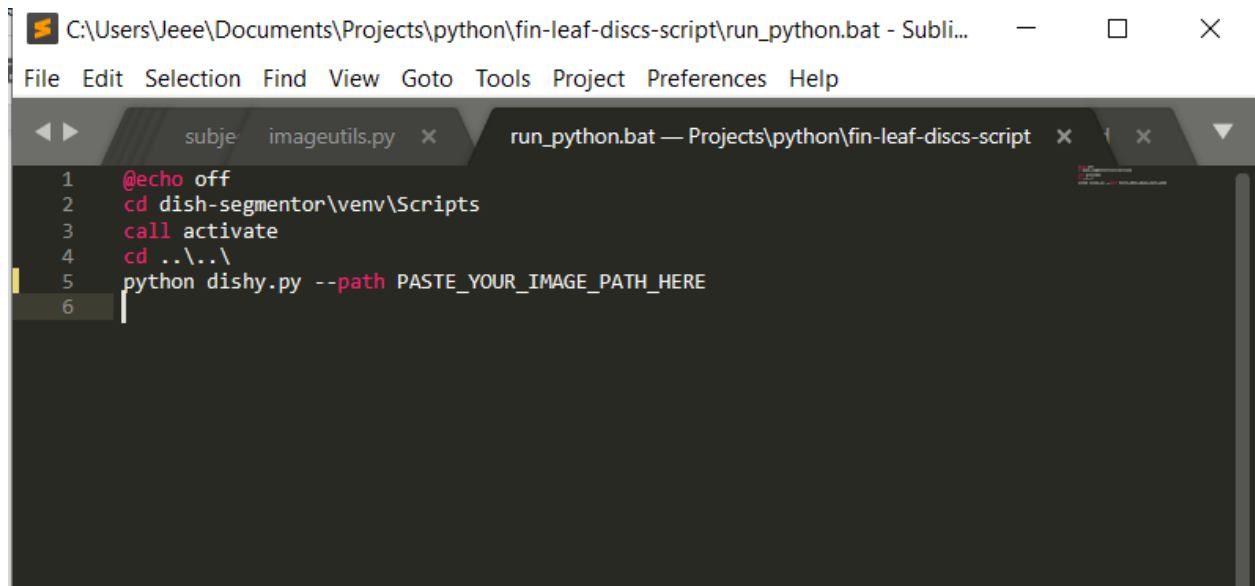
1. Windows only.
2. Please ensure you have a suitable text editor program:
 - Notepad++
 - Sublime Text
 - Atom
 - Etc
3. Please let me know if there are any issues

Follow these steps

1. Find the folder where your colour images are.
2. Copy the path at the top



3. Open any text editor
4. Drag and drop or simply open the `'run_python.bat'` file.

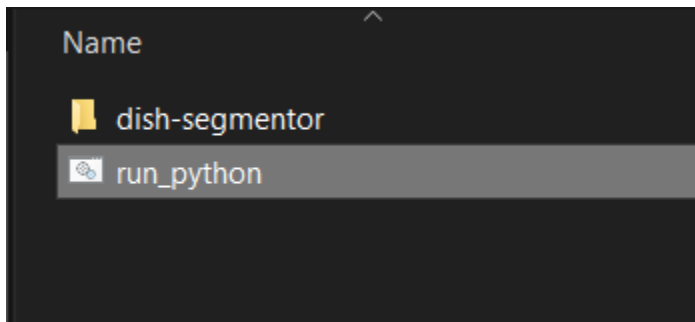


5. Replace the “PASTE_YOUR_IMAGE_PATH_HERE” text with your copied image path.

```
1 @echo off
2 cd dish-segmentor\venv\Scripts
3 call activate
4 cd ../../
5 python dishy.py --path C:\Users\Jeee\Documents\Work\NIAB\Source\Finlay\dish-segmentor\images\colour
6
```

6. Save file and close

7. Now run the `run_python.bat` by double-clicking it.



8. Your program should now be running.

```
C:\WINDOWS\system32\cmd.exe
### Start ###
Project directory: C:\Users\Jeee\Documents\Work\NIAB\Source\Finlay\dish-segmentor\images\colour
### Running Detector ###

Running image (1/5): C:\Users\Jeee\Documents\Work\NIAB\Source\Finlay\dish-segmentor\images\colour\120_2.png
## Step 1 - Getting Image ##
## Step 2 - Converting to Different Colour Channels ##
## Step 3 - Getting leaf regions ##
    Saving image: 1_HSV_mask.png
```

Results

To view the output images.

1. Go to your images folder and you should see an “output” folder.
2. Inside is a folder for each image.
3. Inside each folder contains a “results.CSV” that has the total brown pixel values for each leaf of the image.
4. There is an additional individual leaf images folder in “regions”.

Appendix

Please let me know what is working and what isn't.

What is necessary and what isn't.

Feedback appreciated.

Jeremy :)