

Python Transition Document

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1 Installing Python

The following is an instruction manual for downloading the various automation scripts that I've developed and found helpful during my tenure as IRO Treasurer. It should detail step-by-step what you have to do. Please keep in mind that if you run a Mac, some of the information within this document may be inaccurate, as I do not have much of a clue how Macbooks work (and with every update to the MacOS, Tim Fucking Cook seems to make programming harder).

Go to the link [of the archived CS 1110 website from Spring 2019](#) to download Python this way. If you have difficulties, feel free to consult various online sources to remedy this - this is just a centered source of knowledge.

2 Installing the Necessary Packages

You will need to install the following packages to be able to run the scripts. These will be installed using pip, the python installer. See [This link](#) for help on installing packages. Run the following command in the command line:

```
pip install ezgmail
```

3 The DPM Checker

The file that runs the dues paying members checker is the *venmo_2.py* file.

3.1 Files Required

*You will need both the credentials.json and the token.json files to run the venmo script. **THESE ARE IMPORTANT FILES THAT CAN BYPASS THE EMAIL PASSWORD. KEEP THEM SAFE.***

You will also need the duesExceptions.csv file. This is for people that had exemptions for paying dues. The list is in first_name last_name form.

3.2 Running the File

Simply run the file and the email will be scraped, and the data sent to the secretary email.

4 The BoFA Checker

With the most recent update to Google Chrome, this script is now broken :(. That means the treasurer website (iroatuva.github.io) is now essentially broken, major sadface.