**python-smartsheet-collation-script**

A Python application that loads smartsheets, filters based on set criteria, writes to a “result” smartsheet (“Collation Master Sheet”), updates selected cells, and saves the results.

This script does the following:

* Clears all rows from the collation master smartsheet
* Loads Smartsheets related to anti-drugs
* Loop through the rows
* Check for rows that meet a criteria
* Write the results back to the original sheet
* Update cell values
* Delete excess rows

**Setup on MacOS**

Navigate to Terminal command line. Install Python 3 on MacOS (please follow steps carefully). You need to install XCode, Homebrew, and Python 3. You can ignore the Virtual Environments section.

* <https://installpython3.com/mac/>

Install the smartsheet Python SDK from [pypi](https://pypi.python.org/pypi/smartsheet-python-sdk)

* $ pip3 install smartsheet-python-sdk

Install the DateTime package

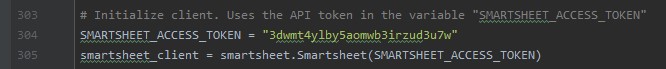
* $ pip3 install DateTime

**Configure**

Create an API Access Token for Smartsheet (don’t use mine):

* <https://help.meisterplan.com/hc/en-us/articles/115003776834-Creating-an-API-Access-Token-for-Smartsheet>

Edit the code to use your own access token by replacing the token in quotation marks with your own:

* 
* SMARTSHEET\_ACCESS\_TOKEN = “YOUR TOKEN”

**Build and run the application.**

* $ python3 antidrug\_collation\_script.py

The result sheet (where everything is written) is currently the “Collation Master Sheet” but can configured to be any sheet that you want.

A log file named rwsheet.log will accumulate information about API calls.

**See also**

* <http://smartsheet-platform.github.io/api-docs/>
* <https://github.com/smartsheet-platform/smartsheet-python-sdk>