**python-read-write-sheet**

A Python sample application that loads a sheet, updates selected cells, and saves the results

This is a minimal Smartsheet sample that demonstrates how to

* Import an XLSX file
* Load a sheet
* Loop through the rows
* Check for rows that meet a criteria
* Update cell values
* Write the results back to the original sheet

This sample scans a sheet for rows where the value of the "Status" column is "Complete" and sets the "Remaining" column to zero. This is implemented in the evaluate\_row\_and\_build\_updates() method which you should modify to meet your needs.

**Setup**

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

* pip install smartsheet --upgrade

**Configure**

* Set the system environment variable SMARTSHEET\_ACCESS\_TOKEN to the value of your token, obtained from the Smartsheet Account button, under Personal settings

**Build and run the application.**

* python python-read-write-sheet.py

The rows marked "Complete" will have the "Remaining" value set to 0. (Note that you will have to refresh in the desktop application to see the changes.)

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>
* <https://www.smartsheet.com/>