

POI Management Script

This Python script allows the user to quickly create POIs, delete POIs, create and delete associations for POIs, manage Projects and manage POI Labels.

This page describes the steps necessary to run the POI script on your local machine.

Prerequisites:

1. You must have Pywiliot installed on your local machine. To install Pywiliot, follow the instructions [here](#).
2. You must clone the repository located [here](#).

How it works:

The file poi_script_part.py asks a user to select an Excel file from their file explorer and parses the Excel file by page. There are nine pages: GetPois, CreatePois, DeletePois, GetProjects, CreateProjects, DeleteProjects, GetLabels, CreateLabels, DeleteLabels. Each page corresponds to the appropriate actions. The script takes the values from the Excel file and calls various Traceability APIs after which the script terminates.

How to use:

1. Open poiPartnerExcel.xlsx:

1. There are nine pages in this file: GetPois, CreatePois, DeletePois, GetProjects, CreateProjects, DeleteProjects, GetLabels, CreateLabels, DeleteLabels. Each page is used for different functionality.

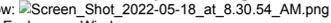
Page	Parameters	Action
GetPois	POI ID OR "all"	Generates a CSV with information for specific POIs or all POIs if "all" is entered
CreatePois	POI ID and POI Name OR Association Value (gateway ID in most cases)	If POI ID and Name are provided, creates a new POI. If POI ID and Association Value (gateway ID in most cases) are provided, will create a new POI association

	POI ID and Association Value	
DeletePois	POI ID OR POI ID and Association Value	Deletes a POI if POI ID is provided and deletes an association if POI ID and Association Value are provided
GetProjects	Project ID	Generates a CSV file with information regarding specified project
CreateProjects	Project ID and Project name	Creates a new project
DeleteProjects	Project ID	Deletes specified project
GetLabels	POI ID and Project ID	Generates CSV file with information about Labels for specified POI
CreateLabels	POI ID, Project ID, Label Name	Creates a new label for specified POI
DeleteLabels	POI ID, Project ID, Label Name	Deletes specified label for specified POI

2. Enter the following command to run the script

```
python3 poi_script_part.py
```

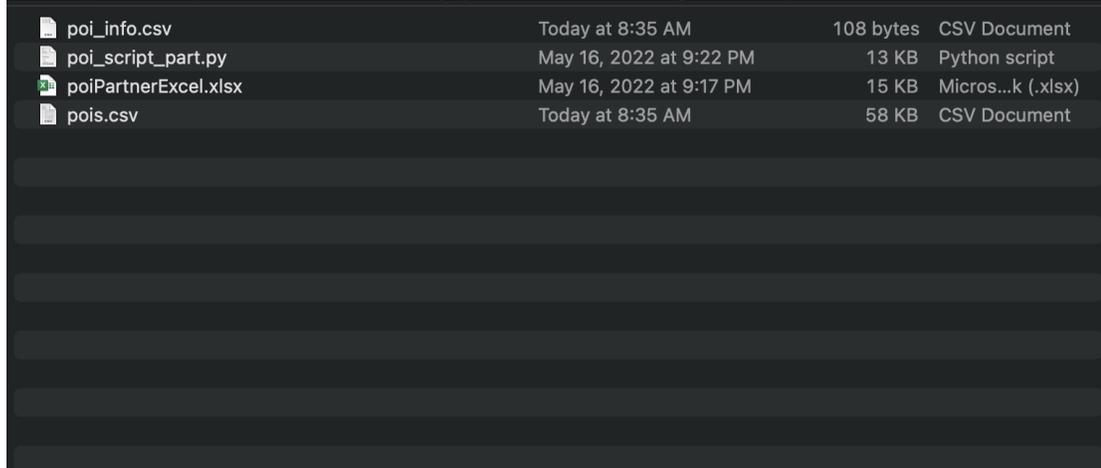
3. Once your script is running, you will be prompted to enter your username and password and the owner ID you are working with.

4. You will then see a pop up asking you to select a file, like the image below: 

5. Click on Select File and select your Excel file from Finder on Mac or File Explorer on Windows.

6. The script will process your Excel file and call the necessary APIs based on your actions.

7. When the script has terminated, you will see CSV files in the same directory if you called the Get functions. See image below for examples of CSV files:



8. If you entered "all" under GetPois, you will see a file called pois.csv. If you entered individual POI IDs, you will see poi_info.csv.

9. The program will provide feedback in the terminal and exit when completed.