

## Excel Query Refresh and Export Data

### Bot Overview

This bot performs the following:

- Performs various operations on the excel
  - o Excel Query Refresh All Save – Refreshes external excel query and save all the changes.
  - o Excel Query Refresh All Save As – Refreshes external excel query and save all the changes to new excel file (Save As).
  - o Export All CSV – Save each sheet of the excel into separate CSV files to the provided output folder.
  - o Refresh and Export CSV – Refreshes external excel query, export and save the new updated data to the CSV file.
  - o XLS to Xlsx Convert – Converts .XLS file to .XLSX file.

### Pre-Requisites

- Automation Anywhere Enterprise v11.x, Excel

### Installation

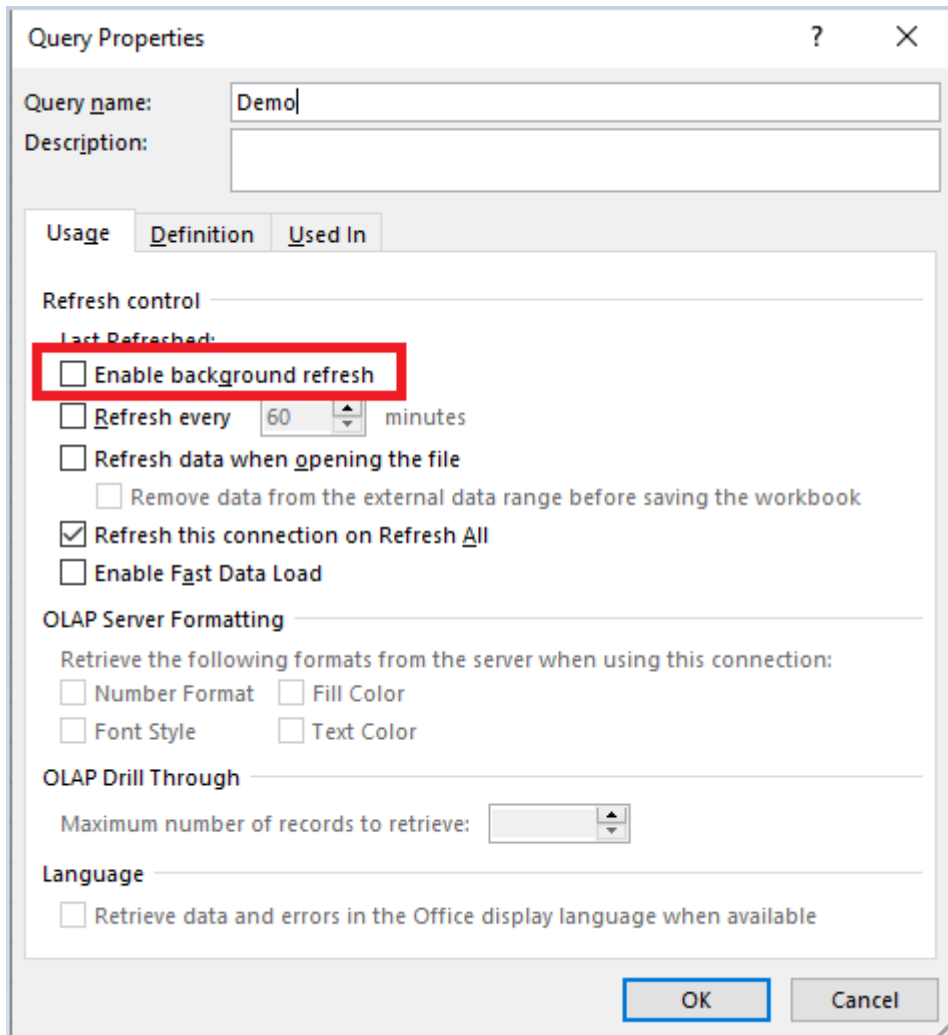
- Download the bot from the Bot Store.
- Double click on the .msi file.
- On Welcome to Installation wizard, Click Next to continue.
- Click I agree to the terms in the license agreement radio button to accept the agreement.
- Get/Copy the License key from Bot Store Downloads into License Key, click Next to continue.
- Click Install to begin installation.
- Click Finish to complete the installation.
- To view the installation, go to 'My Tasks' folder on AAE Client to see bot files.

### Uninstall

- Open Add/Remove Programs -> Select the Bot/Digital Worker to be uninstalled
- Click uninstall

### Note:

- Please make sure there are no files existing with the sheet name when using export to CSV.
- Please make sure there are no files existing with the "Save AS – file name" when using "ExcelQueryRefreshAllSaveAs" logic.
- Please make sure "Enable background refresh" is uncheck on the Query connection properties on all the connections.



The image shows the 'Query Properties' dialog box with the 'Usage' tab selected. The 'Query name' is 'Demo'. The 'Description' field is empty. Under 'Refresh control', the 'Enable background refresh' checkbox is highlighted with a red box. Other options include 'Refresh every 60 minutes', 'Refresh data when opening the file', 'Remove data from the external data range before saving the workbook', 'Refresh this connection on Refresh All' (checked), and 'Enable Fast Data Load'. Under 'OLAP Server Formatting', there are options for 'Number Format', 'Fill Color', 'Font Style', and 'Text Color'. Under 'OLAP Drill Through', there is a 'Maximum number of records to retrieve' spinner. Under 'Language', there is an option to 'Retrieve data and errors in the Office display language when available'. 'OK' and 'Cancel' buttons are at the bottom right.

- If any of the above conditions are not satisfied, a popup will be appeared from the excel for user input and bot will be waiting for excel operation to complete.

**Creates the following folder structure of the content in the AA Dir:**

<AA Directory>

- My Tasks
  - Bot Store
    - ExcelQueryRefreshAndExportData-AutomationAnywhere (Folder)
      - My Tasks
        - ExcelQueryRefreshAndExportData.atmx
      - Error Folder
        - Logs (Folder)
          - Error-Day-Month-Year.txt
        - Snapshots (Folder)
          - Error Snap Month-Day-Year.png

- My MetaBots
  - ExcelQueryRefreshAndExportData.mbot

How to Use the Bot:

Use the following information to configure your bot:

Common For all			
Parameter Name	Type	Direction	Additional Info
vErrorFolder	String	Input	This is error folder inside bot folder which contains Logs and Snapshots folder (Already defined, no need to add value unless want to change location of file).
vLogFolder	String	Input	This folder contains Log file in case of error (Already defined, no need to add value unless want to change location of file).
vSnapshotFolder	String	Input	This folder contains Screenshot in case of error (Already defined, no need to add value unless want to change location of file).

ExcelQueryRefreshAllSave			
Parameter Name	Type	Direction	Additional Info
vInputExcelFilpath	String	Input	Input excel full file path along with extension
vResult	String	Output	Success or failure

ExcelQueryRefreshAllSaveAs			
Parameter Name	Type	Direction	Additional Info
vInputExcelFilpath	String	Input	Input excel full file path along with extension
vOutputFilepath	String	Input	Output excel full file path to save updated data to the new file
vResult	String	Output	Success or failure

ExcelRefreshAndExportCSV			
Parameter Name	Type	Direction	Additional Info
vInputExcelFilpath	String	Input	Input excel full file path along with extension
vOutputFilepath	String	Input	Output csv file path to save the updated data to the csv file
vResult	String	Output	Success or failure

Export All CSV			
Parameter Name	Type	Direction	Additional Info
vInputExcelFilpath	String	Input	Input excel full file path along with extension
vOutputFolder	String	Input	Output folder path to save the exported csv files
vResult	String	Output	Success or failure

Xls To Xlsx Convert			
Parameter Name	Type	Direction	Additional Info
vInputFilepath	String	Input	Input excel (XLS) file path to convert to XLSX file
vOutputFilepath	String	Input	Output excel file path along with .xlsx extension
vResult	String	Output	Success or failure

## Error Handling

- Each Bot folder contains the below hierarchy.
  - Error Folder
    - Logs
      - Error-Day-Month-Year.txt: In case of any error, this file logs error message along with time stamp
    - Snapshots
      - Error Snap Month-Day-Year.png: In case of any error, this file captures screenshot of error.
  - Task Status of bot is set to failed in case of errors.