

CreateExcelPivotTableFromReport– Readme

Bot Overview

This bot performs the following:

Create pivot from given report on basis of configurable parameters as per the requirement.

Prerequisites

- Automation Anywhere Enterprise v11.x

Installation

- Download the bot from 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 the 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 installed
- Click uninstall

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

- <AA Directory>
 - My Tasks
 - Bot Store
 - Read Content-AA (Folder)
 - My Tasks
 - [Read from File] Stub.atmx
 - Error Folder
 - Logs (Folder)
 - Error Logs Month-Day-Year.txt
 - Snapshots (Folder)
 - Error Snap Month-Day-Year.png
 - Input Folder

How to Use the Bot:

Use the following information to configure your bot:

Parameter Name	Type	Direction	Additional Info
vConfigFileFullPath	String	Input	This is the configuration file that has all the required parameters name and value to execute the pivot operation. (E.g. C:\Users\AppData\Local\Temp\Automation Anywhere Files\Automation Anywhere\My Docs\Input Folder\PivotConfig.csv). This should be csv file only.
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).
vPivotTable_Name	String	Input	This the is the Pivot table name that will have Pivot result of the report.
vPivotTable_SheetName	String	Input	This the is the Pivot table Sheet name that will have Pivot result of the report.
vData_Path	String	Input	This is input report file with full path E.g. C:\User\Desktop\TestBot.txt
vData_SheetName	String	Input	This is input report sheet name E.g. sheet1
vMacroBookName	String	Input	This is Macro book name.
vReport Filter	String	Input	This is the column name on which user want to apply filter in pivot result excel.
vColumnLabel	String	Input	This is the column used for Column Label in pivot.
vRowLabel	String	Input	This is the column used for Row Label in pivot.
vValueColumn	String	Input	This is the column used for value in pivot.(Aggregate function will be applied on the same column in pivot.)
vAgregate_Function	String	Input	Name of the aggregate function E.g. SUM
vMacroFilePath	String	Input	This is the macro file path.
vMacroFileName	String	Input	This is the macro file name.
vMacroName	String	Input	This is the macro logic name.
vBOTStatus	String	Output	Returns a string containing BOT execution status whether is failed or succeed.
vPivotErrorDescription	String	Output	Returns a string containing Pivot macro exception message.

Error Handling

- Each Bot folder contains the below hierarchy.
 - o Error Folder
 - Logs
 - Error Logs Month-Day-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.

BOT Config File (PivotConfig.csv):

This is mandatory configuration file that is used by BOT to initialize all the required variables. User will provide config file full path e.g. AAApplication\ \My Docs\Input Folder\PivotConfig.csv

How to Use the reusable Macro:

Pivot Reusable Macro

Content:

- What is Pivot Reusable Macro?
- Uses of Pivot Reusable Macro
- Requirements of Pivot Macro
- How to integrate Pivot Reusable Macro?

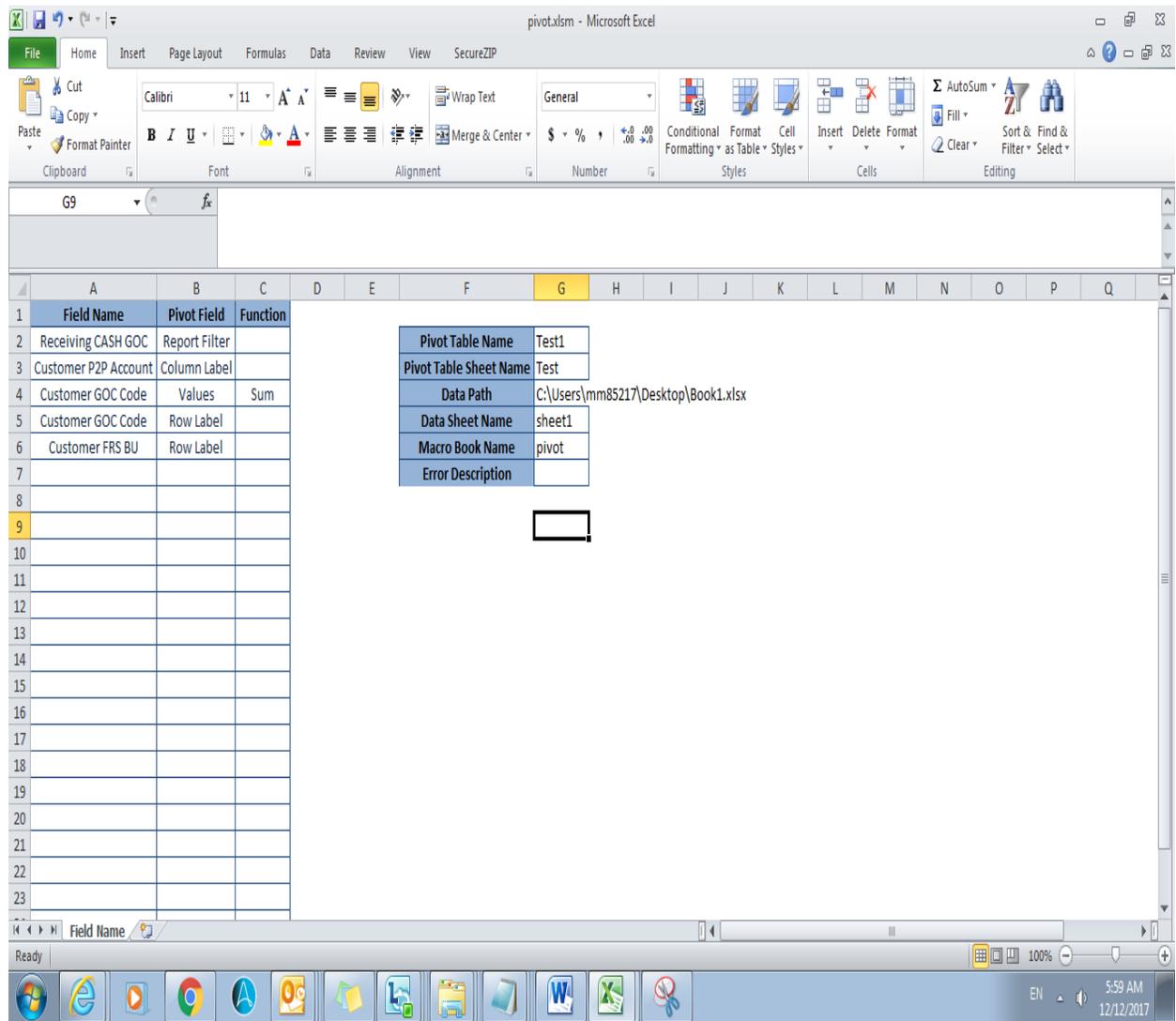
Pivot Reusable Macro:

The Pivot Reusable Macro which is created with the help of Microsoft VBA code. It will be useful for all kind pivot creation. Basically it will create pivot table based on your instruction and also handle errors while creating pivot table.

Uses of Pivot Reusable Macro:

- The main advantage of using this macro is reducing object cloning issue while calling from AA and time constraints.
- “N” number of pivot can be create using this macro.
- Average time is taken for one pivot creation is maximum of 1 minute and minimum of 2 seconds.

Requirements of Pivot Macro:



Field Name :

- We have to give the input initially to this excel sheet like what are fields we want to add in pivot. The field name should be matches with the data header name (Base of Pivot Table Creation Data).

Pivot Field :

- We have to give the input initially to this excel sheet like the field name should be in Report Filter or Row Label or Column Label.

Function :

- Function we are usually gives if the pivot field is values. Remaining function field should be empty. The default function is count as per macro code. You can select Count,Average,Sum,Max,Min function from this option. Anything beyond this function, please contact our team for updates.

Pivot Table Name :

- Pivot Table Name the user can give any names with the combination of Character and numeric else character only. Avoid special character for naming the pivot table and should not have space in between the name.

Pivot Table Sheet Name :

- Usually this macro will create pivot table on new sheet only. The user should give the name of sheet for pivot table data. Pivot Table Sheet Name the user can give any names with the combination of Character and numeric else character only.

Data Path :

- User has to give the input like the source of the data for pivot creation. The pivot table also will create in same file itself. Should give the path like this
C:\Users\mm85217\Desktop\Book1.xlsx
- The Extension of the file also important. So the user should correctly mention whether it is .xlsx or .xls or .csv.

Data Sheet Name :

- User has to mention the sheet name of the source data for pivot.

Macro Book Name :

- User can alter the name of the macro file. The macro file name should match with macro book name.

Error Description :

- While running the macro if any required fields are wrong or something went wrong in config file. User can able to see the error description in particular field.

Integration of Pivot Reusable Macro with AA:

- Place the macro workbook on your required location.
- Open the workbook through AA with one session.
- Run the Macro using Run Macro Command.
- Close the Macro workbook session through AA.
- If more than one Pivot table creation need save the macro workbook on different name and save it in required location.
- Sample AA code for single and multiple pivot available in below mentioned path location
\Automation Anywhere Files\Automation Anywhere\My Tasks\Pivot_Reusable\



Bot Store