Excel Advanced Options

Módulo con opciones avanzadas para Excel

How to install this module

Download and **install** the content in 'modules' folder in Rocketbot path

How to use this module

To use this module, you must have Microsoft Excel.

Description of the commands

Open Without Alerts

Open a file preventing MS Excel alerts.

Parameters	Description	example
Patho to XLSX file	Path of the xlsx file to be opened	file.XLSX
Password (optional)	Password of the xlsx file	P@ssW0rd
Id (optional)	Name or identifier for the file to be opened. Used when you need to open more than one excel. By default is *default*.	id
Assign result to variable	Variable where the result will be stored	id

Find and Connect

Search a Excel Book opened and connect it

Parameters	Description	example
XLSX filename		File.XLSX
Id (optional)	Name or identifier for the file to be opened. Used when you need to open more than one excel. By default is *default*.	excel1

Count columns

Count the columns or return the last column name. It's necessary that the excel is saved to get the last changes

Parameters	Description	example
Sheet	Name of the sheet where the data are located	Sheet1
Get address	If this box is checked, it will return the letter of the last column	True
Assign result to variable	Name of the variable where the result will be stored	count_columns

Count Rows

Counts all the rows or from a range.

Parameters	Description	example
Sheet	Name of the sheet where the data are located	Sheet1
Count all rows	Option to count all rows.	
Column	Column where the rows will be counted	C
Assign result to variable	Name of the variable where the result will be stored	length_rows

Cell color

Change color of a cell or range of cells. Can be a default color or custom

Parameters	Description	example
Cells	Cell or Range of cells. The syntax must be the same as excel (A1 or A1B1)	A1:B5
Sheet	Workbook sheet	Sheet1
Entire sheet	If this box is checked, the color will be applied to the entire sheet.	
RGB color cell	RGB values of the color that will be the cell or cells	250,250,250

Parameters	Description	example
Select color	Select the color. You can use the previous input to customize the color	red

Get Cell Color

Get the color of a cell. The funtion will return a list of two elements: Background Color and Font Color in RGB format.

Parameters	Description	example
Sheet	Sheet	Sheet1
Cell	Cell. The syntax must be the same as excel (A1)	A1
Assign to var	Name of the variable where the result will be stored	color

Insert Formula

Insert formula into cell

Parameters	Description	example
Sheet	Sheet	Sheet5
Cell	Cell or Range of cells. The syntax must be the same as excel (A1 or A1B1)	A5
Write formula	Formula that will be inserted	=SUM(A1:A4)

Insert Macro

Insert Macro in Excel

Parameters	Description	example
Macro path	Path of the bas file to be inserted	Macro.bas

Select Cells

Select cells in Excel

Parameters	Description	example
Sheet	Name of the sheet to automate	Hoja 1
Enter cells to select	Cell or Range of cells. The syntax must be the same as excel (A1 or A1B1)	A1:B3
Copy	By checking the checkbox, the values will be copied to the clipboard.	True

Get Cell With Currency Format

Get cells with currency format

Parameters	Description	example
Sheet	Name of the sheet to automate	Hoja 1
Enter cells to select	Cell or Range of cells. The syntax must be the same as excel (A1 or A1B1)	A1:B3
Assign to var	Name of the variable where the result will be stored	variable

Get Cell With Date Format

Get cells with date format

Parameters	Description	example
Sheet	Name of the sheet to automate	Hoja 1
Enter cells to select	Cell or Range of cells. The syntax must be the same as excel (A1 or A1B1)	A1:B3
Assign to var	Name of the variable where the result will be stored	variable

Copy-Paste

Copy range cell to another sheet

Parameters	Description	example
Origin Sheet	Name of the sheet to automate	Sheet1
Range to copy	Cell or Range of cells to copy. The syntax must be the same as excel (A1 or A1B1)	A1:C4
Destiny Sheet	Name of the destiny sheet	Sheet2
Range to paste	Cell or Range of cells to paste. The syntax must be the same as excel (A1 or A1B1)	A1:C4
Paste Option	Select paste type for the cell or cells range.	Option
Paste Operation	Select paste operation for the cell or cells range.	Operation
Skip Blanks	Prevents replacing values in the paste area when blank cells are produced in the copy area when this box is selected.	
Transpose	Rotate the content of copied cells when pasting. Data in rows will be pasted into columns and vice versa.	

Format Cell

Format Cell

Parameters	Description	example
Sheet Name	Name of the sheet to automate	Sheet1
Cell	Cell or Range of cells. The syntax must be the same as excel (A1 or A1B1)	A1:C4
Format	You should select the formatting type for the cell. Select custom to add a customizable format	dd-mm-yy
Custom format	Custom format. Must be the same as the one shown in the Excel custom section	00000
Text to Value		

Create Sheet

Create sheet in the end

Parameters	Description	example
Sheet name	Name of the sheet to create	Sheet2
After	The sheet will be created next to the sheet indicated in this field.	Hoja1

Delete Sheet

Delete sheet

Parameters	Description	example
Sheet name	Name of the sheet to delete	Sheet2
Assign result to variable	Name of the variable where the result will be stored	Variable

Copy to another excel

Copy range to another Excel in the background

Parameters	Description	example
Excel origin	Path of the source xlsx file	Sheet1
Sheet name	Name of the source sheet	Sheet1
Range to copy	Cell or Range of cells. The syntax must be the same as excel (A1 or A1B1)	A1:D7
Excel destination	Path of the destination xlsx file	Sheet1
Sheet name	Name of the sheet to be copied	Sheet1
Range to paste	Cell or Range of cells. The syntax must be the same as excel (A1 or A1B1)	A1:D7

Parameters	Description	example
Only Values	If this checkbox is checked, only the value will be copied	True

Add/Delete Row

Add or Delete a Row

Parameters	Description	example
Option	Select Add or Delete a row	Add
Sheet Name	Name of the sheet where add the row	Sheet
Row Number	Indicate the row(s) to be added or deleted	2
Where to Insert	Indicate where add or delete the row	A1:D7

Add/Delete Column

Add or Delete a Column

Parameters	Description	example
Option	Select Add or Delete a column	
Sheet Name	Name of the sheet where the data are located	Sheet
Column	Indicate the column(s) to be added or deleted	B

Convert CSV to XLSX

Convert a csv document to xlsx

Parameters	Description	example
CSV file path	Path of the csv file to be converted	
Delimiter	Delimiter of the csv file	
Do it have headers?	Check this checkbox if the csv has headers	True
Encoding	Type the encoding type of the file. Default is latin-1	utf-8
XLSX file path	Path of the xlsx file where will be saved	file.xlsx

Convert XLSX to CSV

Convert a xlsx document to csv

Parameters	Description	example
XLSX file path	Path of the xlsx file to be converted	C:/Users/User/Desktop/file.xlsx
Delimiter	Delimiter of the csv file	,

Parameters	Description	example
Sheet name	Name of the sheet where the data are located	Sheet0
CSV file path	Path of the xlsx file where will be saved	C:/Users/User/Desktop/file.csv

Convert XLS to XLSX

Convert a xls document to xlsx

Parameters	Description	example
XLS file path	Path of the xls file to be converted	C:\Users\User\Desktop\file.xls
XLSX file path	Path of the xlsx file where will be saved	C:\Users\User\Desktop\new_file.xlsx

Get active cell

Get row and column of active cell

Parameters	Description	example
Assign result to variable	Name of the variable where the result will be stored	Variable

Refresh Pivot table

Refresh a pivot table. Deprecated! Use PivotTableExcel module

Parameters	Description	example
Sheet	Name of the sheet where the table is located	Sheet1
Pivote table name	Name of the pivot table to be updated	Name:

Fit cells

Adjusts, groups and ungroups a range of cells. You can group/ungroup by rows or columns

Parameters	Description	example
Sheet	Name of the sheet where the data are located	Sheet1
Range to fit	Cell or Range of cells to fit. The syntax must be the same as excel (A1 or A1B1)	A1:D7
Autofit	Automatically fit the cells to display the data	
Group rows	To mark this checkbox will group the rows in the selected range.	
Group columns	To mark this checkbox will group the columns in the selected range.	
Ungroup rows	To mark this checkbox will upgroup the rows in the selected range.	

Parameters	Description	example
Ungroup columns	To mark this checkbox will upgroup the columns in the selected range.	
Merge cells	Checking this checkbox will merge the cells in the selected range	
Row level	To mark this checkbox will displays the specified number of row levels of an outline	2
Column level	To mark this checkbox will displays the specified number of column levels of an outline	2
Column width	Width to which the column will fit	20
Row Height	Height to which the row will adjust	20

Get Formula

Get the formula into cell

Parameters	Description	example
Cell	Cell where is the formula. The syntax must be the same as excel (A1 or A1B1)	A5
Assign result to variable	Name of the variable where the result will be stored	Variable

Add Auto Filter

Add auto filter to excel table

Parameters	Description	example
Sheet	Name of the sheet where the data are located	Sheet1
Range	Cell or Range of cells. The syntax must be the same as excel (A1 or A1B1)	A1:E6

Filter

Add filter to excel table

Parameters	Description	example
Sheet	Name of the sheet where the data are located	Sheet1
Table start	Column where the table to be filtered begins	A
Column	Column where to add the filter	A

Parameters	Description	example
Filter	Value or list of values, filter of unique criteria or list of two items for double criteria (eg value between A and B). Use "=" to find blank fields, "<>" for non-empty cells and data negation.	['>=value1'] or ['>=value1', '<=value2'] or ['value1','value2', 'value3']
Select filter	Type of filter to apply.	Filter type

Rename sheet

Change name to excel sheet

Parameters	Description	example
Sheet	Name of the sheet to be renamed	Sheet1
New name	New name of the sheet	new_name

Text Format

Change the Horizontal or Vertical alignment of values in a range of cells

Parameters	Description	example
Sheet	Name of the sheet where the data are located	Sheet1
Cell or Range of cells	Range that contains the data to align	A1:D7
Horizontal Alignment	Selector that contains the horizontal alignment options	
Vertical Alignment	Selector that contains the vertical alignment options	

Cell Style

This command modifies the formatting of the selected cell or range of cells. You can change the font and borders

Parameters	Description	example
Sheet Name	Name of the sheet to automate	Sheet1
Cell to format	Cell or Range of cells to format. The syntax must be the same as excel (A1 or A1B1)	A1:C4
Border	Border of the cell to be formatted	Contour
Style	Border style of the cell to be formatted	– – – – – – – – – –
Font size	Font size of the cell to be formatted	20

Parameters	Description	example
Blod	Mark this checkbox to change the font to bold	True
Italic	Mark this checkbox to change the font to italic	True
Underline	Mark this checkbox to change the font to underline	True
Adjust Text		True

Paste in Cells

Paste data to cells in Excel

Parameters	Description	example
Sheet	Name of the sheet to automate	Hoja 1
cells where paste	Cell or Range of cells to paste. The syntax must be the same as excel (A1 or A1B1)	A1:B3
Only values	If this checkbox is checked, only the value will be pasted	True

Remove Duplicates

Execute the remove duplicates command of Excel

Parameters	Description	example
Sheet	Name of the sheet to automate	Hoja 1
Range	Range of cells. The syntax must be the same as excel (A1 or A1B1)	A1:B3
Column	Indicate the column where the duplicates are to be searched for	A / ['A', 'B']
Do it have headers?	Check this checkbox if the excel has headers	True

Export to advanced PDF

Export to PDF with options

Parameters	Description	example
Save PDF	Path where to save the .pdf file	/Users/user/Desktop/excel.pdf
Autofit		
Zoom		
FitToPagesTall		
FitToPagesWide		

Copy-Move Sheet

Copy or move a sheet

Parameters	Description	example
Origin Sheet	Name of the source sheet	Sheet1
Move/copy before sheet	Name of the sheet to be moved	Sheet2
Excel destination	Path of the .xlsx file where move or copy the sheet	C:/path/to/excel.xlsx
Copy	By checking the checkbox, the sheet will be copied	

Insert Form

Insert Form in Excel

Parameters	Description	example
Macro path	Path of the frm file to be inserted	Form.frm

Read Filtered Cells

Allow read only cells filters

Parameters	Description	example
Sheet	Name of the sheet where the data are located	Sheet1
Range	Cell or Range of cells. The syntax must be the same as excel (A1 or A1B1)	A1:B100
Assign result to variable	Name of the variable where the result will be stored	Variable
More data		

Count Filtered Cells

Allow count only cells filters

Parameters	Description	example
Sheet	Name of the sheet where the data are located	Sheet1
Range	Range of column filtered (A1A100)	A1:A100
Assign result to variable	Name of the variable where the result will be stored	Variable

Replace

Run replace action to excel

Parameters	Description	example
Sheet	Name of the sheet where the data are located	Sheet1
Range	Cell or Range of cells. The syntax must be the same as excel (A1 or A1B1)	A1:B100

Parameters	Description	example
Word to replace	Word to be sought to be replaced	10/10/2020
New word	Word that will replace the previous word indicated	10-10-2020

Order

Run replace action to excel

Parameters	Description	example
Sheet	Name of the sheet where the data are located	Sheet 1
Range	Cell or Range of cells. The syntax must be the same as excel (A1 or A1B1)	A1:B100
Column	Indicate the column to be sorted	A1:A22
Order type	Indicate how the column will be sorted	Ascending

Refresh All

Refresh all data in Excel

Parameters	Description	example

Find

Return de first found cell

Parameters	Description	example
Sheet	Name of the sheet where the data are located	Sheet1
Range	Cell or Range of cells. The syntax must be the same as excel (A1 or A1B1)	A1:B100
Text to find	Text to be searched in the excel	Lorem
Assign result to variable	Name of the variable where the result will be stored	Variable

Lock Cells

Lock or Unlock cells

Parameters	Description	example
Sheet	Name of the sheet where the data are located	Sheet1
Range	Cell or Range of cells. The syntax must be the same as excel (A1 or A1B1)	A1:B100
Action	Select if you want to lock or unlock a cell	Lock

Add Chart

Create a new chart in an excel sheet

Parameters	Description	example
Sheet	Name of the sheet where the data are located	Sheet1
Type of Chart	Select the type of chart to be inserted in excel	Line
Cell position	Cell where will be inserted the chart. The syntax must be the same as excel (A1)	A1
Data range	Cell or Range of cells. The syntax must be the same as excel (A1 or A1B1)	A1:B100

Remove Password

Remove password and save the Excel

Parameters	Description	example
Excel with password	Path of the xlsx file to be opened	C:/Users/User/Desktop/test.xlsx
Password	Password of the xlsx file	****
Excel without password	Path where to save the .xlsx file. Empty for save in the same Excel	C:/Users/User/Desktop/test2.xlsx

Insert image

Insert an image

Parameters	Description	example
Sheet	Name of the sheet where the data are located	Sheet1
Cell	Cell where will be inserted the image. The syntax must be the same as excel (A1)	B5
Image path	Path of the image file to be inserted	image.png

Export Chart

Export a chart from index

Parameters	Description	example
Sheet	Name of the sheet where the data are located	Sheet1
Index	Index of the chart to be exported	1
Image path	Path where the image will be saved	/path/to/image.png

Not visible mode

Open not visible excel.

Parameters	Description	example
Patho to XLSX file	Path of the xlsx file to be opened	File.XLSX
Id (optional)	Name or identifier for the file to be opened. Used when you need to open more than one excel. By default is *default*.	default

Write array objects

Write array object on Excel cells.

Parameters	Description	example
Sheet	Name of the sheet where the data are located	Sheet1
Cell o Cells Range	Cell or Range of cells. The syntax must be the same as excel (A1 or A1B1)	A1
Data	Cell or Range of cells. The syntax must be the same as excel (A1 or A1B1)	[{ 'id',: 1, 'text': 'hello' },{ 'id',: 2, 'text': 'world' }]

Copy-Paste Format

Copy format range cell to another sheet

Parameters	Description	example
Origin Sheet	Name of the source sheet	Sheet1
Range to copy		A1:C4
Destiny Sheet	Name of the destinity sheet	Sheet2
Range to paste		A1:C4

Update links

Changes a link from one document to another

Parameters	Description	example
Path to change	Path of the xlsx file to be updated	
Updated path	Path of the xlsx file that will replace the link	file.xlsx

Unlock sheet

Unlock sheet

Parameters	Description	example
Sheet	Name of the sheet to be locked	Sheet1
Password	Password of the locked sheet	Password

Convert to .txt

Convert to .txt

Parameters	Description	example
Patho to XLSX file	Path of the xlsx file to be converted	file.XLSX
Save TXT	Path where to save the .txt file	/Users/user/Desktop/test.txt

Text to columns

Parses a column of cells that contain text into several columns.

Parameters	Description	example
Sheet	Name of the sheet where the data are located	Sheet1
Range	Cell or Range of cells. The syntax must be the same as excel (A1 or A1B1)	A1:B100
Select separator	Select the cell separator, it can be fixed width or delimited	
Select delimiter type	Select the delimiter type	
Other delimiter or widths	Write the delimiter or fixed width	

Convert Excel time to hours

Convert Excel time to hours. Returns the format as hh: mm: ss

Parameters	Description	example
Decimal time		0.296655812
Assign result to variable	Name of the variable where the result will be stored	Variable

Print sheet

Prints a sheet

Parameters	Description	example
Sheet	Name of the sheet to be printed	Sheet1

Save Excel with password

Save a Excel file

Parameters	Description	example
Save Excel as	Path where to save the .xlsx file	/Users/user/Desktop/excel.xlsx
Password to save with	Password of the xlsx file	password

Save Excel

Save a Excel file in the indicated path

Parameters	Description	example
Save Excel	Path where to save the .xlsx file	/Users/user/Desktop/excel.xlsx

Close XLSX

Close the workbook opened by Rocketbot

Parameters	Description	example
Kill process	If this box is marked, the process will be completely closed.	