

Brief for macro in OpenOffice - 2019.06.06

I have an excel Source.xlsx file with text and number data.

I want to open the excel file with the last version of OpenOffice (4.1.4) and run a macro in OpenOffice Calc that will take the data from my excel file and put in a new OpenOffice Spreadsheet file (.ods format).

This mean that **the macro should run in OpenOffice Calc** and create a new .ods file and populate it with data from the excel file I have open in OpenOffice Calc when I run the macro.

I will reffer to the original excel file as the source file and to the new OpenOffice Calc file as the destination file.

Attached is the detailed brief with an an example of the excel source file and the OpenOffice Calc destination file. **Please note the password for the Destination.ods file is: test111**

Below I explain how should the destination file be populated with data from the source file and how should be formatted.

Please take in consideration that when I reffer to the row 1 I am referring to the first row of the table as I see it that is the row 0 in macro. So my row 1 in macro is row 0, my row 2 in macro is row 1 and so on.

The same is with the colums, my column A in macro is column 0, my column B in macro is column 1 and so on.

The population with data and formatting of the destination file. When not mentioned otherwise all the reffering are to the destination file:

How I want the macro to work:

---- Step 1: -----

Create a new OpenOffice Calc .ods file in folder "C:\TEMP"

The destination file name should be: "text from cell C1 of the source file"-text FROM cell A2 of the source file".ods

Exemple of the file path and name: C:\TEMP\Source_H-Source_A.ods

----- Step 2: -----

Create filter for row 2 of the destination file

Freeze row 1 and row 2 of the destination file

----- Step 3: -----

A1 = text "Destination_A"

B1 = text "Destination_B"

C1 = the text from cell H1 from Source file

D1 = text "Destination_D"

E1= formula "=if(C1="COMP_2",25,if(C1="",0,30))"

F1 = text "Destination_F"

G1 = formular "=(I2+J2)*(1-E1/100)"

H1 = text "Destination_H"

I1 = text "Destination_I"

J1 = text "Destination_J"
K1 = text "Destination_K"
L1 = text "Destination_L"
M1 = text "Destination_M"
N1 = text "Destination_N"

A2 = text "Source_A"
B2 = text "Source_B"
C2 = text "Source_C"
D2 = text "Source_D"
E2 = text "Source_E"
F2 = text "Source_F"
G2 = text "Source_G"
H2 = text "Source_H"
I2 = formula "=SUM(I3:I10000)"
J2 formula "=SUM(J3:J10000)"
K2 = formula "=if(countif(K3:K10000,"*ERROR*"),"ERROR","OK")"
L2 = formula "=if(countif(L3:L10000,"*ERROR*"),"ERROR","OK")"
M2 = formula "=SUM(M3:M10000)"
N2 = formula "=SUM(N3:N10000)"

----- **Step 4:** -----

In destination file will be imported only the rows where the value of coresponding cell D + cell E of the source file is greather than 0.

That mean if $D2+E2 = 0$ the row 2 from source file will be excluded from the import into the destination file. This rule apply to the whole source file (ex: also the row 3 and row 9 from source file will be excluded)

All the rows that cell $D+E > 0$ will be imported into the destination file as follows:

A cell = A cell of source file
B cell = B cell of source file

C cell = C cell of source file
D cell = D cell of source file
E cell = E cell of source file
F cell = F cell of source file
G cell = G cell of source file
H cell = H cell of source file

I cell = formula: value of coresponding M cell * F cell
J cell = formula: value of coresponding N cell * F cell

K cell = formula "=if(M xxx > D xxx,"ERROR: MESSAGE 1",if(AND(I xxx > 0,I xxx < 10),"ERROR: MESSAGE 2",""))". **The xxx is the number of the row in destination file**

L cell = formula "=if(N xxx > E xxx ,"ERROR: MESSAGE 1",if(AND(J xxx > 0,J xxx < 10),"ERROR: MESSAGE 2",""))". **The xxx is the number of the row in destination file**

M cell = I cell of source file
N cell = J cell of source file

----- **Step 5:** -----

Background fill color entire column from D2 to end of column with color yellow

Background fill color entire column from M2 to end of column with color yellow

Background fill color entire column from F2 to end of column with color cyan

Background fill color entire column from N2 to end of column with color cyan

Background fill color of cells C1 and E1 with color magenta

----- **Step 6:** -----

Protect the entire sheet and hide all formulas from all the cells in it from modification with this exceptions:

a) the cells in column M from M2 to the end of the column should not be protected and user should be able to edit them

b) the cells in column N from M2 to the end of the column should not be protected and user should be able to edit them

This mean that cell M1 and N1 are protected.

The password should be: test111