

Content of Set Mouse Cursor Position and optional Mouse Click via Excel Macro.vbs (Site 1)

On Error Resume Next

Dim sPointer, arrPointer, xPos, yPos, iClick

Call GetArguments(ArgArray)

If IsArray(ArgArray) then

For Each ArrayElement In ArgArray
sPointer = ArrayElement
Next

End if

If Instr(1, sPointer, ".", 1) > 0 then
arrPointer = Split(sPointer, ".", -1, 1)

If Ubound(arrPointer) = 2 then

If IsNumeric(arrPointer(0)) and IsNumeric(arrPointer(1)) and IsNumeric(arrPointer(2)) then

If arrPointer(2) = "0" or arrPointer(2) = "1" then

xPos = CLng(arrPointer(0))
yPos = CLng(arrPointer(1))
iClick = arrPointer(2)
Call Main()

Else
Wscript.Echo "Wrong Parameters!" & VbCrLf & VbCrLf & "Call the Script like this" & VbCrLf & VbCrLf & "Set Mouse Cursor Position.vbs xPos,yPos,LeftClick (0=False,1=True)" & VbCrLf & VbCrLf & "Example:" & VbCrLf & VbCrLf & "0 0 0" & VbCrLf & VbCrLf & "1 0 0"
End if

Else
Wscript.Echo "Wrong Parameters!" & VbCrLf & VbCrLf & "Call the Script like this" & VbCrLf & VbCrLf & "Set Mouse Cursor Position.vbs xPos,yPos,LeftClick (0=False,1=True)" & VbCrLf & VbCrLf & "Example:" & VbCrLf & VbCrLf & "0 0 0" & VbCrLf & VbCrLf & "1 0 0"
End if

Else
Wscript.Echo "Wrong Parameters!" & VbCrLf & VbCrLf & "Call the Script like this" & VbCrLf & VbCrLf & "Set Mouse Cursor Position.vbs xPos,yPos,LeftClick (0=False,1=True)" & VbCrLf & VbCrLf & "Example:" & VbCrLf & VbCrLf & "0 0 0" & VbCrLf & VbCrLf & "1 0 0"
End if

Else
Wscript.Echo "Wrong Parameters!" & VbCrLf & VbCrLf & "Call the Script like this" & VbCrLf & VbCrLf & "Set Mouse Cursor Position.vbs xPos,yPos,LeftClick (0=False,1=True)" & VbCrLf & VbCrLf & "Example:" & VbCrLf & VbCrLf & "0 0 0" & VbCrLf & VbCrLf & "1 0 0"
End if

' -----

Sub Main()

Dim ExcelApp : Set ExcelApp = CreateObject("Excel.Application")
ExcelApp.Visible = False
Dim ExcelAppWBk : Set ExcelAppWBk = ExcelApp.Workbooks.Add
Dim ExcelAppMod : Set ExcelAppMod = ExcelAppWBk.VBProject.VBComponents.Add(1)
Dim ofso : Set ofso = CreateObject("Scripting.FileSystemObject")
Dim oWshShell : Set oWshShell = CreateObject("WScript.Shell")

ExcelAppMod.CodeModule.AddFromString "Private Declare Function SetCursorPos Lib " & Chr(34) & "user32" & Chr(34) & " (ByVal x As Long, ByVal y As Long) As Long" & _
VbCrLf & "Private Declare Sub mouse_event Lib " & Chr(34) & "user32" & Chr(34) & " (ByVal dwFlags As Long, ByVal dx As Long, ByVal dy As Long, ByVal cButtons As Long, ByVal dwExtraInfo As Long)" & _
VbCrLf & "Private Const MOUSEEVENTF_LEFTDOWN = " & Chr(38) & "H2" & _
VbCrLf & "Private Const MOUSEEVENTF_LEFTUP = " & Chr(38) & "H4" & _
VbCrLf & "Public Function SetCursorPosition(xPos as Long, yPos as Long, iClick) &_
VbCrLf & "SetCursorPos xPos, yPos" &_
VbCrLf & "If iClick = 1 then" &_
VbCrLf & "mouse_event MOUSEEVENTF_LEFTDOWN, 0, 0, 0, 0" &_
VbCrLf & "mouse_event MOUSEEVENTF_LEFTUP, 0, 0, 0, 0" &_
VbCrLf & "End if" &_
VbCrLf & "End Function"

ExcelApp.Run "SetCursorPosition(" & xPos & ", " & yPos & ", " & iClick & ")"
ExcelAppWBk.Close False
ExcelApp.Quit
WScript.Quit

End Sub

' -----

Private Function GetArguments(SourceArray)

Dim iCount : iCount = 0

If wscript.arguments.count > 0 then

ReDim ArgArray(wscript.arguments.count - 1)

For Each Argument in wscript.arguments

ArgArray(iCount) = Argument
iCount = iCount + 1
Next

iCount = Null
GetArguments = ArgArray

End if

End Function