

# Re: Returning a value from another application

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  - *Date:* Sat, 8 Mar 2008 06:26:54 -0800 (PST)
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On Mar 7, 10:26 am, Rafi <R...@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

I am calling an Excel module from Access and would like to know if the Excel module produces a certain result (Warning = True). How do i return the value of the variable warning from the excel module to Access

Code in Access Module

```
Private Sub Cmd1_Click()  
Dim XL As Object  
Dim fName As String  
Set XL = CreateObject("Excel.Application")  
XL.Visible = False  
fName = "C:\Documents and Settings\595930.CORP\My Documents\SDI\Andy\Sample  
Dirt Template 1-4-07.xls"  
XL.Workbooks.Open fName  
XL.Run "Validation.Validation"  
XL.ActiveWorkbook.Close  
XL.Quit  
Set XL = Nothing  
End Sub
```

Code In Excel

```
Sub Validation()  
Dim LastRow As Long  
Dim Msg1 As String  
Dim Msg2 As String  
Dim Msg3 As String  
Dim Title1 As String  
Dim RCOUNT As Long  
Dim CCount As Long  
Dim wb As Workbook  
Dim fName As String  
Dim Warning As Boolean  
Msg1 = "This file is empty. The validation process will terminate!"  
Msg2 = "End of Validation"  
Msg3 = "The input file contains errors, see highlighted cells"
```

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```
Title1 = "VALIDATION ERROR"
LastRow = Cells.Find(What:="*", After:=[A1], _
    SearchOrder:=xlByRows, _
    SearchDirection:=xlPrevious).Row

If LastRow < 2 Then
    MsgBox Msg1, vbOKOnly, Title1
End If

Application.ScreenUpdating = False
RCOUNT = 2
CCOUNT = 4
Cells(RCOUNT, CCOUNT).Select
For CCOUNT = CCOUNT To 10

    For RCOUNT = RCOUNT To LastRow
        If Not (WorksheetFunction.IsNumber(ActiveCell.Value)) Then
            Warning = True
            ActiveCell.Interior.ColorIndex = 27
        End If
        ActiveCell.Offset(1, 0).Select
    Next

RCOUNT = 2
Cells(2, CCOUNT + 1).Select
Next
MsgBox Msg2, vbOKOnly
Set wb = ActiveWorkbook
With wb
    fName = .Path & "\" & .Name
    .SaveAs fName
End With
If Warning Then
    Application.Visible = True
    MsgBox Msg3
End If
End Sub
```

Then why not change the routine from a Subroutine, which normally cannot return a value, to a Function, which can. Just assign the value of the warning to the function name, and you should be good to go. You might want to declare your function return type as variant until you figure out what kind of value is being returned. It's probably a Long Integer, but I know next to nothing about Excel, so ... want salt with that?

hope this helps.

Pieter

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