

Re: Progress Bar Stuck after Crashing

Source:

<http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.programming/2007-06/msg01547.html>

- *From:* "NickHK" <TungCheWah@xxxxxxxxxxxxx>
 - *Date:* Mon, 11 Jun 2007 12:13:20 +0800
-

John,

As Excel (and Office apps in general) are complex apps that do not always seem to behave as you expect with this kind of code, expect a lot of crashes until you get it bullet proof.

Whilst I'm all for extending the capabilities of Excel, the end result has to be worth it to the user.

Personally, I do not think is one of those cases.

At least you should add error checking; check the return value of the call (or `LastError` if appropriate) rather than VBA error handling.

Also, the classnames of some of Excel's object are changed in 2007 version. Not sure about the status bar, but you should check.

NickHK

"John" <john.fuller@xxxxxxxxxxxxxx> wrote in message
<news:1181329084.365856.262370@xx>

I'm using code like this to update the progress bar in excel:

```
Private Declare Function FindWindow& Lib "user32" Alias _
"FindWindowA" (ByVal lpClassName$, ByVal lpWindowName$)
Private Declare Function CreateWindowEX& Lib "user32" Alias _
"CreateWindowExA" (ByVal dwExStyle&, ByVal lpClassName$ _
, ByVal lpWindowName$, ByVal dwStyle&, ByVal x&, ByVal y& _
, ByVal nWidth&, ByVal nHeight&, ByVal hWndParent& _
, ByVal hMenu&, ByVal hInstance&, lpParam As Any)
Private Declare Function DestroyWindow& Lib "user32" (ByVal hWnd&)
Private Declare Function SendMessage& Lib "user32" Alias _
"SendMessageA" (ByVal hWnd&, ByVal wParam&, ByVal lParam As
Any)
Private Declare Function GetClientRect& Lib "user32" _
(ByVal hWnd&, lpRect As RECT)
Private Declare Function FindWindowEx& Lib "user32" Alias _
"FindWindowExA" (ByVal hWnd1&, ByVal hWnd2&, ByVal lpsz1$, ByVal
lpsz2$)
```

Re: Progress Bar Stuck after Crashing

```
Private Type RECT
    cl As Long
    ct As Long
    cr As Long
    cb As Long
End Type
```

```
Sub PBarDraw()
    Dim BarState As Boolean
    Dim hWnd&, pbhWnd&, y&, h&, i&, R As RECT
    hWnd = FindWindow(vbNullString, Application.Caption)
    hWnd = FindWindowEx(hWnd, ByVal 0&, "EXCEL4", vbNullString)
    GetClientRect hWnd, R
    h = (R.cb - R.ct) - 6: y = R.ct + 3
    pbhWnd = CreateWindowEX(0, "msctls_progress32", "" _
        , &H50000000, 35, y, 185, h, hWnd, 0&, 0&, 0&)
    SendMessage pbhWnd, &H409, 0, ByVal RGB(0, 0, 125)
    BarState = Application.DisplayStatusBar
    Application.DisplayStatusBar = True
    For i = 1 To 50000
        DoEvents
        Application.StatusBar = Format(i / 50000, "0%")
        SendMessage pbhWnd, &H402, Val(Application.StatusBar), 0
    Next i
    DestroyWindow pbhWnd
    Application.StatusBar = False
    Application.DisplayStatusBar = BarState
End Sub
```

My problem is this: If the code crashes and does not destroy the pbhWnd, the progress bar stays displayed as is till I restart excel. Is there anyway to relocate the window (since its created on the fly) and destroy it in a separate set of code that I could run anytime it gets hung?

Thanks in advance,

John