

Help DLL calling in Excel 2007 crashes

Source:

<http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.programming/2008-04/msg01173.html>

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This is going to sound weird and I have look for some help all over the net to no avail.

I have an add-in which contains numerous VBA functions in it. One of these functions calls a function in a DLL and when that DLL function returns, the VBA continues executing by starting the same VBA function over. First off, this call works perfectly in Excel 2002 & 2003. But in Excel 2007, the DLL call causes the VBA function to restart to the top. Here is the declaration of the DLL call:

```
Private Function EnablePrinter Lib "cdintf.dll" (ByVal hPrinter As Long,
ByRef szCompany As String, ByRef szCode As String) As Long
```

The VBA funtion is something like this:

```
Public Function ConvertPlain(ByVal XLSFilename, ByVal PrintToPrinterName As
String, ByVal Printer As Long, ByVal LicensedTo As String, ByVal
ActivationCode As String) As Integer
ConvertPlain = 1
Application.Workbooks.Open XLSFileName, 3, False
ActiveWorkbook.RunAutoMacros xlAutoOpen
With ActiveWorkBook
EnablePrinter(Printer, LicensedTo, ActivationCode)
.PrintOut ActivePrinter:=PrintToPrinterName
End With
End Function
```

So when the EnablePrinter function executes, the next line executing is ConvertPlain = 1. Go figure.

Any help welcome
Wheeley