DDE and Merge Reference Document for Technical Support...

Sub MAIN
      Make sure that any DDE conversations from Word are closed.
DDETerminateAll
ChanNum1 = DDEInitiate("FAXMNG", "CONTROL")
      Place WinFax in a holding pattern so that we can print all of the merged documents to WinFax, without them being sent out.
DDEExecute(ChanNum1, "GoIdle")
      Close the DDE Channel, and end the first DDE conversation.
DDETerminate ChanNum1
      Call the print to WinFax loop Sub Macro.
Call TransmitWinFax
End Sub

Sub TransmitWinFax
      This is the print to WinFax loop Sub Macro.
ChanNum2 = DDEInitiate("FAXMNG", "TRANSMIT")
Section = 1
Section$ = Mid$(Str$(Section),2)
Call FindWinFax
      The "While loop" keeps on checking to see if we are on the last page of the merged document. If we are then we will exit the loop area of the macro.
      While CmpBookmarks("\Sel", "\Endofdoc")
If Section = 1 Then
      Goto Skip
EndIf
EditGoTo .Destination = "s" + Section$
Test = SelInfo(2)
Skip:
      Find the recipients name. There are Style codes in the merge template, that we can use to find the recipient name on the final merged document.
      EditFindStyle .Style = "To"
EditFind .Find = "", .WholeWord = 0, .MatchCase = 0, .Direction = 2, .Format = 1
      Place the name found to a variable called ' wfxname$ ' For an example lets set wfxname$ = Bert Amato
wfxname$ = Chr$(34) + Selection$() + Chr$(34)   *This line would read:* wfxname$ = "Bert Amato"
      We could do the same thing if we wanted to pass a specific time and date to WinFax, but we chose not to do this in this example.
wfxtime$ = Chr$(44) Note: *Chr$(44) is the ASCII equivalent to a comma ","*
wfxdate$ = Chr$(44)
      Find the recipients fax number. There are Style codes in the merge template, that we can use to find the recipient fax number on the final merged document.
      EditFindStyle .Style = "Fax"
EditFind .Find = "", .WholeWord = 0, .MatchCase = 0, .Direction = 2, .Format = 1
      Place the fax number to a variable called ' wfxnum$ ' For and example lest set wfxnum$ = 441-0333

```
wfxnum$ = Chr$(34) + Selection$() + Chr$(34) + ","
```
This line would read: wfxname$ = "441-0333",

Now we can compile our DDEPoke conversation string, and pass it along to WinFax. Based on our examples mentioned above our conversation string would read: "Sendfax", "recipient("441-0333",,,"Bert Amato")" *where "Sendfax" is the Topic, and "recipient()" is the Item.*

```
If EditFindFound() Then
```
If a fax number was found, then send the data to WinFax and do a 'print' command
```
DDEPoke  ChanNum2, "Sendfax", "recipient(" + wfxnum$ + wfxtime$ + wfxdate$ + wfxname$ + ")"
```
Uncomment the DDEPoke line (below) to set standard resolution mode.
```
'            Example line to set low (standard) resolution.
'          DDEPoke  ChanNum2, "Sendfax", "resolution(" + Chr$(34) + "LOW" + Chr$(34) + ")"
```
Finally print the document to WinFax
```
FilePrint .Type = 0, .NumCopies = "1", .Range = 3, .From = "s" + Section$, .To = "s" +
Section$, .PrintToFile = 0, .Collate = 1, .FileName = ""
EndIf
Section = Section + 1
Section$ = Mid$(Str$(Section), 2)
CharRight 1
```
The line below sends us back to the start of the loop, and we do the whole process over again, as long as we are not at the end of the merged document..
```
Wend
On Error Goto 0
```
At this point we are out of the loop, all of the print jobs have been sent to WinFax, and it's time to end the DDE conversation.
```
DDETerminate ChanNum2
Call FixPrnDevice
End Sub


Sub FindWinFax
```
'   *Find out the name of the default print device prior to selecting WinFax.*
```
DefPrn$ = GetProfileString$("windows", "device")
```
'   *Save the name DefPrn$ in a suitable format.*
```
SavPrn$ = Right$(DefPrn$,(Len(DefPrn$) - InStr(DefPrn$, ",")))
```
Find WinFax and COM: port assignment from Win.ini. Place the information in a variable called FaxDevice$. As an example we might end up with: FaxDevice$ = WINFAX=WINFAX,COM2:
```
FaxDevice$ = GetProfileString$("devices", "WINFAX")
```
Now we have to format the faxDevice$ variable string so that it reads: WINFAX on COM2:
```
FilePrintSetup .Printer = Left$(FaxDevice$,(InStr(FaxDevice$, ",")) - 1) + " on " + Right$(FaxDevice$,
(Len(FaxDevice$) - InStr(FaxDevice$, ",")))
End Sub


Sub FixPrnDevice
```
'   *Time to put the world back together again.*
'   *Reset the previous default print device.*
```
FilePrintSetup .Printer = Left$(DefPrn$,(InStr(DefPrn$, ",")) - 1) + " on " + Right$(SavPrn$,(Len(SavPrn$) -
InStr(SavPrn$, ",")))
```
'   *Just to be sure lets write the information back to the Win.ini file.*

```
SetProfileString("windows", "device", DefPrn$)
Call GoActive
End Sub

Sub GoActive
```
This is the last DDE conversation to WinFax.
```
ChanNum3 = DDEInitiate("FAXMNG", "CONTROL")
```
By this point, all of the merged documents have been sent to WinFax. We can now re-activate WinFax. As soon as WinFax is told to " GoActive " any pending fax events will be faxed in the order that they were appended.
```
        DDEExecute(ChanNum3, "GoActive")
```
Again, we make sure that we have ended the final conversation to WinFax.
```
DDETerminate ChanNum3
```
Your basic message box.
```
MsgBox "We are done!", "DDEWinFax Macro", 48
End Sub
```