

Below is a macro which is a variation of the one sent with WinFax 3.0 With this macro, complete control remains with the macro as opposed to WORD's PrintMerge or WinFax's "group/batch send". This way, I can use fields in "WinFax's dBase" file structure to carry over such data as the Company's Address (Street, City, State & Zip), Receiver's Title etc. The biggest challenge I had was to stop the processing of the LOOP while WinFax was sending a Fax. WORD would continue to "Print" until the computer's processor was "jamed" with WORD and WinFax "fighting" with each other. Also, for WinFax., each fax is a "single" event. This MACRO solved the problem. I have included a copy of the following data file in an ASCII format file called "FAXDATA.DOC". Copy the MACRO to your NORMAL Macro listing. To do this easily, copy it to/from Windows Clipboard. Also copy the MASTER.DOC to your WORD document directory. Realize that the fax numbers and names have been changed and are not real. Insert real fax numbers to test. (I have included a separate macro file called FAXMACRO.DOC. It is like below without the comments) Dennis Burgess 02/25/93.

### SAMPLE OF DATA FILE

```
"Michael","Balman","Tbar Manufacturing","","216","881-2718","","","216","881-8417","","1350 East 57rd
St","President","Cleveland OH 44114","",""
"Gary","Klost","Dreadful Printing Co Inc","","216","521-9568","","","216","456-0111","","29760 Commerce Park
Road","President","Beachwood OH 44122","",""
"Charley","Mrattz","Hold Industries Inc","","216","649-1602","","","216","649-5200","","5436 Hamann
Pkwy","President","Willoughby OH 44094","",""
( Note that I used "blank" fields in WinFax's dBase structure to "pass" other information that I needed in the MASTER.DOC)
```

### REVISED MACRO

**(Note that the comments after the "|" markers must be deleted. Use FAXTEST.DOC)**

Dim Shared DefPrn\$, SavPrn\$

Sub MAIN

DDETerminateAll

ChanNum1 = DDEInitiate("FAXMNG", "CONTROL")

ChanNum2 = DDEInitiate("FAXMNG", "TRANSMIT")

Record = 1

If Record = 1 Then

    Call FindWinFax

    Open "D:\WORD\faxdata.doc" For Input As #1

    Numb = 1

    Dim wfxname\$(100)

    Dim wfxnum\$(100)

    Dim WfxMrgName\$(100)

    While Eof(1) = 0

        Input #1, FN\$, LN\$, CO\$, FC\$, FA\$, FAX\$, FE\$, CS\$, VC\$, VA\$, \
                VL\$, VE\$, AD\$, TI\$, CSZ\$, KY\$, DEL\$

        FN\$ = Mid\$(FN\$, 2, Len(FN\$) - 2)

        LN\$ = Mid\$(LN\$, 2, Len(LN\$) - 2)

        TI\$ = Mid\$(TI\$, 2, Len(TI\$) - 2)

        FAX\$ = Mid\$(FAX\$, 2, Len(FAX\$) - 2)

        CSZ\$ = Mid\$(CSZ\$, 2, Len(CSZ\$) - 2)

        wfxnum\$(Numb) = Chr\$(34) + FAX\$ + Chr\$(34) + ","

        wfxname\$(Numb) = Chr\$(34) + FN\$ + " " + LN\$ + " " + TI\$ + Chr\$(34)

        WfxMrgName\$(Numb) = FN\$ + " " + LN\$ + " " + TI\$

        wfxtime\$ = Chr\$(44) ' Not used in this example

        wfxdate\$ = Chr\$(44) ' Not used in this example

basis for the

file copied

structure.

merged into

**not** using

| This section reads the "data" file  
| "FAXDATA.DOC" and into an  
| Array. Note that the

| data file is a dBase III

| to a comma delimited

| Also, the DB file has the same  
| structure as WinFax dBase file.

| These variables are

| the MASTER.DOC

| WORD's PrintMerge function.

| This way neither WORD nor

Numb = Numb + 1

| WinFax is in control

Wend

Close #1

EndIf

While(Record >= 1)

Name\$ = Mid\$(WfxMrgName\$(Record), 1, Len(WfxMrgName\$(Record)))

FileOpen .Name = "D:\WORD\MASTER.DOC", .ReadOnly = 0, .PasswordDoc = "", .PasswordDot = ""

EditFind .Find = Chr\$(9) + Chr\$(9) + Chr\$(9) + Chr\$(9) + "To:" + Chr\$(9)

EndOfLine

FormatCharacter .Font = "Times New Roman", .Points = "12", .Bold = 1, .Italic = 0, \

.Strikeout = 0, .Hidden = 0, .SmallCaps = 0, .AllCaps = 0, .Underline = 1, .Color = 0, .Position = "0 pt", .Spacing = "0 pt"

Insert Name\$

CharLeft 1, 1

EndOfLine

Insert Chr\$(9)

DDEPoke ChanNum2, "Sendfax", "recipient(" + wfxnum\$(Record) + wfxtime\$ + wfxdate\$ + wfxname\$(Record) + ")"

SendKeys "{enter}"

FilePrint .Type = 0, .NumCopies = "1", .Range = 2, .From = "", .To = "", .PrintToFile = 0, .Collate = 1, .FileName = ""

While(Left\$(DDERequest\$(ChanNum1, "Status"), 4) <> "BUSY")

| Stops macro processing until WinFax  
| is Busy

Wend

While(Left\$(DDERequest\$(ChanNum1, "Status"), 4) <> "IDLE")

| Holds the Macro until WinFax is Idle  
|

Wend

DocClose 2

'Kill "C:\WINDOWS\WINFAX\\*.FXD"

| Del Sent file. Problem is it deletes fax  
| files that were not "successful"

Record = Record + 1

On Error Goto StpLoop

Wend

StpLoop:

On Error Goto 0

DDETerminate ChanNum1

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.

FaxDevice\$ = GetProfileString("devices", "WINFAX")

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 EndProcess

End Sub

Sub EndProcess

MsgBox "We are done!", "DDEWinFax Macro", 48

FileClose 2

End Sub