```
///////////////////////////////////////////////////////////////
//
// Maximizer DDE InsertMergeField Macro for WP6.1
// Copyright 1997, Maximizer Technologies Inc.
// Written:     2/26/97 by Milton Wong
// Description: Insert a linked field with Maximizer in the doc.
//
///////////////////////////////////////////////////////////////

Application (A1; "WordPerfect"; Default; "US")

sysChannel := 0
currChannel := 0

// Build dialog box for display
MakeDialog()

// Display dialog containing list of merge fields
DialogShow("MergeFields"; "WordPerfect"; Msg)

// Continue to process dialog messages while termDialog = 0
termDialog = 0
While( termDialog = 0)
EndWhile

LABEL(ExitMacro)
IF (sysChannel != 0)
     DDETERMINATE(sysChannel)
     sysChannel := 0
ENDIF
IF (currChannel != 0)
     DDETERMINATE(currChannel)
     currChannel := 0
ENDIF

QUIT // Exit macro

////////////////////////////////////////////////////////////////
//
// Subroutine:  Msg
//
// Description: Message processing loop
//
////////////////////////////////////////////////////////////////
LABEL(Msg)
If(Msg[5] = 273)  // WM_COMMAND
     If(Msg[3] = "SelectButton")  // if Select button is pressed paste
in DDE field
          RegionGetSelectedText(listText; "MergeFields.ListBox")
          DDEInitiate(sysChannel; "MAXWIN"; "System")
          IF (sysChannel = 0)
               MESSAGEBOX(iResult; "Maximizer Template"; "Please
```

```
start Maximizer"; OK! | IconExclamation!)
                QUIT
          ENDIF
          busyCount = 0
          IsMaxBusy()

          OnError(CreateLinkError)

          DDECreateLink(listText + NumStr(?Random) + NumStr(?
DocumentInformation); "MAXWIN|CurrentRecord|" + listText; Automatic!;
TEXT!)
          OnError()

          DDETerminate(sysChannel)
          sysChannel := 0
          termDialog = 1
     EndIf
     If(Msg[3] = "CancelButton") // if Close button is pressed, end
dialog
          termDialog = 1
     EndIf
EndIf
If(Msg[5] = 274)  // if Close is selected from System menu, end dialog
     termDialog = 1
EndIf
Return


//////////////////////////////////////////////////////////////////
//
// Subroutine:  MakeDialog
//
// Description: Create the dialog which dispays all the UDF and
//              standard fields that can be inserted.
//
//////////////////////////////////////////////////////////////////
LABEL(MakeDialog)
// Start DDE Conversation with Maximzier
DDEInitiate(sysChannel; "MAXWIN"; "System")

If(sysChannel = 0) // If Maximizer is not running, exit macro
     MessageBox(contOption; "Maximizer Template"; "Please start
Maximizer."; Ok! | IconExclamation!)
     Quit
EndIf

// Check to see if a database is active in Maximizer. If not then exit
busyCount = 0
CALL (IsMaxBusy)
maxPath = DDERequest(sysChannel;"CurrentDatabasePath")
If(maxPath = "n/a")
     MessageBox(contOption; "Maximizer Template"; "Please open a
Maximizer Address Book Folder."; Ok! | IconExclamation!)
```

```
        DDETerminate(sysChannel)
        sysChannel := 0
        Quit
EndIf

// Switch to Client window and try to talk to Current Record, if this
fails then exit

busyCount = 0
CALL (IsMaxBusy)
Assign(hWnd; AppLocate("WordPerfect*"))
If(hWnd)  // if hWnd not equal to 0
   AppActivate(hWnd)
EndIf

DDEInitiate(currChannel; "MAXWIN"; "CurrentRecord")
If(currChannel = 0)
      MessageBox(contOption; "Maximizer Template"; "Please start
Maximizer."; Ok! | IconExclamation!)
      DDETerminate(sysChannel)
      sysChannel := 0
      Quit
EndIf

// Make sure that there is a client in the list
busyCount = 0
CALL (IsMaxBusy)
OnDDEAdvise Call(listCount; currChannel; "GetListCount"; NoClientSel)
If(listCount != 0)
      NoClientSel()
EndIf

// Terminate the connection to CurrentRecord
busyCount = 0
CALL (IsMaxBusy)
DDETerminate(currChannel)
currChannel := 0

// Get the current directory
currPath = ?PathCurrent

// Get list of categories from Maximizer database
busyCount = 0
CALL (IsMaxBusy)
DDEExecute(sysChannel; "[ListOfCategories(Headings," + currPath +
"myudf.txt)]")


// Close DDE channel
busyCount = 0
CALL (IsMaxBusy)
DDETerminate(sysChannel)
```

```
sysChannel := 0

// Define the Dialog Box
DialogDefine("MergeFields"; 62; 43; 180; 160; Percent!; "Insert Merge
Field")
DialogAddText("MergeFields"; "ListBoxPrompt"; 10; 6; 96; 10; Left!;
"&Available Fields:")
DialogAddListBox("MergeFields"; "ListBox"; 10; 21; 94; 121; Sorted!;
tmpVar)
DialogAddPushButton("MergeFields"; "SelectButton"; 116; 20; 45;
15;DefaultBttn!; "&Select")
DialogAddPushButton("MergeFields"; "CancelButton"; 116; 45; 45; 15;
NonDefaultBttn!; "&Cancel")

// Add standard items to list
DialogAddListItem("MergeFields"; "ListBox"; "Address_Line_1")
DialogAddListItem("MergeFields"; "ListBox"; "Address_Line_2")
DialogAddListItem("MergeFields"; "ListBox"; "City")
DialogAddListItem("MergeFields"; "ListBox"; "Country")
DialogAddListItem("MergeFields"; "ListBox"; "Company/Organization")
DialogAddListItem("MergeFields"; "ListBox"; "Fax_Number")
DialogAddListItem("MergeFields"; "ListBox"; "Department")
DialogAddListItem("MergeFields"; "ListBox"; "Division")
DialogAddListItem("MergeFields"; "ListBox"; "Initial")
DialogAddListItem("MergeFields"; "ListBox"; "First_Name")
DialogAddListItem("MergeFields"; "ListBox"; "IDentification")
DialogAddListItem("MergeFields"; "ListBox"; "Mr/Ms")
DialogAddListItem("MergeFields"; "ListBox"; "Name_and_Address")
DialogAddListItem("MergeFields"; "ListBox"; "Last_Name")
DialogAddListItem("MergeFields"; "ListBox"; "Phone_1")
DialogAddListItem("MergeFields"; "ListBox"; "Phone_1_Extension")
DialogAddListItem("MergeFields"; "ListBox"; "Phone_2")
DialogAddListItem("MergeFields"; "ListBox"; "Phone_2_Extension")
DialogAddListItem("MergeFields"; "ListBox"; "Phone_3")
DialogAddListItem("MergeFields"; "ListBox"; "Phone_3_Extension")
DialogAddListItem("MergeFields"; "ListBox"; "Phone_4")
DialogAddListItem("MergeFields"; "ListBox"; "Phone_4_Extension")
DialogAddListItem("MergeFields"; "ListBox"; "Position")
DialogAddListItem("MergeFields"; "ListBox"; "Salutation")
DialogAddListItem("MergeFields"; "ListBox"; "State_/_Province")
DialogAddListItem("MergeFields"; "ListBox"; "Today's_Date")
DialogAddListItem("MergeFields"; "ListBox"; "Today's_Time")
DialogAddListItem("MergeFields"; "ListBox"; "Zip_/_Postal_Code")

// Add Categories to list box
catFile = OpenFile(currPath + "myudf.txt"; Read!; None!)
FileRead(catFile; thisLine)
While(thisLine != "")
      endPos = StrPos(thisLine; ",")
      catHead = SubStr(thisLine; 1; endPos -1)
      DialogAddListItem("MergeFields"; "ListBox"; catHead)
      FileRead(catFile; thisLine)
```

```
EndWhile
CloseFile(catFile)
DeleteFile(currPath + "myudf.txt"; NoPrompts!)
Return


//////////////////////////////////////////////////////////////////////
//
// Subroutine:  IsMaxBusy
//
// Description: Check if Maximizer is busy with some other task
//              If yes, wait until that task is finished.
//              Checking busy is only needed before DDEEXECUTE
//
//////////////////////////////////////////////////////////////////////
LABEL (IsMaxBusy)
// Wait until Maximizer is finished
busyStatus = "BUSY"
WHILE(busyStatus != "READY")
     busyStatus = DDEREQUEST(sysChannel; "BusyIndicator")
     busyCount = busyCount + 1
     IF (busyCount = 10)
          MESSAGEBOX(iResult; "Maximizer Template"; "Maximizer is
currently busy with another task. Please complete all tasks within
Maximizer and click Retry to continue."; RetryCancel! |
IconExclamation!)
          IF (iResult = 2)
               // User hits Cancel
               GO (ExitMacro)
          ENDIF
          busyCount = 0
     ENDIF
ENDWHILE
RETURN



//////////////////////////////////////////////////////////////////////
//
// Subroutine:  NoClientSel
//
// Description: Prompt a message box to the user when there is no
//              selected entry
//
//////////////////////////////////////////////////////////////////////
LABEL(NoClientSel)
// Display error if no clients available
     MessageBox(contOption; "Maximizer Template"; "You do not have a
current Address Book entry. Please select a company/individual in
Maximizer."; Ok! | IconExclamation!)

QUIT
RETURN
```

```
//////////////////////////////////////////////////////////////////
//
// Subroutine:  CreateLinkError
//
// Description: Prompt a message box to the user when it cannot insert
//              the macro in that particular position.
//
//////////////////////////////////////////////////////////////////
LABEL(CreateLinkError)
     MessageBox(mbOpt; "Maximizer Template"; "You may be attempting to
insert a link inside another link. Please move the cursor to a
different place and try this operation again.")
RETURN
```