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// LOGFILES.WCM — Selectively log & selectively close opened docs. in a
// Work Profile to be opened later by RESUME.WCM
//*****
// Author:          Paul H. Caron
// Written for:     WordPerfect 5.2 for OS/2 & Windows
// Version:        3.2
// Revision History: See README.TXT

Application (WP;WPWP;Default)
MacroStatusPrompt(On!;"WordPerfect Macro - LogFiles.WCM 3.2 © Paul H. Caron, 1993. All
rights reserved.")
OnError (Quit@)
OnNotFound (Quit@)
WindowCascade()
DLLLoad(MCRLink; "WPCMCR.DLL")

//*****
Label(BeginHere@)
LogOption:=""
LastProfile:=""
Name:=""
DLLCall(MCRLink;"MCRGetIniString";IniResult: WORD;{"WPWP";
Ansistring ("Log-Resume Option");
Ansistring ("LogFilesPrompt");Ansistring("On");Address(LogOption)})
DLLCall(MCRLink;"MCRGetIniString";IniResult: WORD;{"WPWP";
Ansistring ("Log-Resume Option");
Ansistring ("LastProfile");Ansistring("LogProfile1");Address(LastProfile)})
DLLCall(MCRLink;"MCRGetIniString";IniResult: WORD;{"WPWP";
Ansistring (LastProfile);
Ansistring ("ProfName");Ansistring("Error");Address(Name)})
If(Name<>"Error")
    Combo1:=Name
    DefaultSel:=Name
EndIf
If (LogOption="Off")
    If((LastProfile<>"Error") and (Combo1<>"Free"))
        ONCANCEL(Interactive@)
        MacroStatusPrompt(On!;"Initializing LogFiles - Express Mode. Press ESC to
enter Interactive Mode.")
        Call(GetOption@)
        Go(NoPrompt@)
    Else
        Title:="LogFiles - Express"
        Message:="No predefined profiles found. Running LogFiles in interactive
mode."
        Buttons:=64
        DLLCall(MCRLink;"MCRMessageBox";Result:WORD;
{AnsiString(Message);AnsiString(Title);(Buttons)})
        Call(GetOption@)
        Call(GetFileNames@)
        Go(SelectFiles@)
    EndIf
Else
    ONCANCEL(NonInteractive@)
    MacroStatusPrompt(On!;"Initializing LogFiles - Interactive Mode. Press ESC to

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enter Express Mode.")
    Call(GetOption@)
    Call(GetFileNames@)
    Go(SelectFiles@)
EndIf

//*****
Label(Interactive@)
    MacroStatusPrompt(On!;"Express Mode aborted. Initializing Interactive Mode.")
    Call(GetOption@)
    Call(GetFileNames@)
    Go(SelectFiles@)

//*****
Label(NonInteractive@)
    MacroStatusPrompt(On!;"Interactive Mode aborted. Initializing Express Mode.")
    Call(GetOption@)
    Go(NoPrompt@)

//*****
Label(GetOption@)
    ResOption:=""
    CloseOption:=""
    LWindow:=""
    DoFree:="No"
    Express:=""
    DLLCall(MCRLink;"MCRGetIniString";IniResult: WORD;{"WPWP";
        Ansistring ("Log-Resume Option");
        Ansistring ("ResumePrompt");Ansistring("On");Address(ResOption)})
    DLLCall(MCRLink;"MCRGetIniString";IniResult: WORD;{"WPWP";
        Ansistring ("Log-Resume Option");
        Ansistring ("CloseOption");Ansistring("All");Address(CloseOption)})
    DLLCall(MCRLink;"MCRGetIniString";IniResult: WORD;{"WPWP";
        Ansistring ("Log-Resume Option");
        Ansistring ("LWindow");Ansistring("Default");Address(LWindow)})
    DLLCall(MCRLink;"MCRGetIniString";IniResult: WORD;{"WPWP";
        Ansistring (LastProfile);
        Ansistring ("Express");Ansistring("Off");Address(Express)})
    Return

//*****
Label(GetFileNames@)
    MacPath:=""
    PathFile:=""
    ShortPath:=""
    ABF1:=""
    ABF2:=""
    ABF3:=""
    ABF4:=""
    ABF5:=""
    ABF6:=""
    ABF7:=""
    ABF8:=""
    ABF9:=""
    LN:=0

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AbrF:=""
DocName:=""
DocName1:=""
DocNum:=1
fileind:=0
GetWPData(MacPath; MacroPath!)
If (MacPath="")
    Beep
    PROMPT("LogFiles";"Aborting. Macro requires that macro path in File |
Preferences | Location of Files... be set.";1;175; 200)
    WAIT(75)
    ENDPROMPT
    Go(Quit@)
EndIf
GetWPData(Edit;AtMainEditScreen!)
If(Edit=False)
    Close()
EndIf
GetWPData(DocName1;Name!)
if (DocName1="")
    GetWPData(SelOn;SelectModeActive!)
    If (SelOn=True)
        SelectMode(Off!)
    EndIf
    FileSaveAsDlg()
    GetWPData(DocName1;Name!)
EndIf
GetWPData(DocPath;Path!)
Call(Abbreviate@)
STRLEN(LN;DocName1)
If(LN > 40)
    SUBSTR(AbrF;1;37;DocName1)
    AbrF:=AbrF+"..."
Else
    AbrF:=DocName1
EndIf
ABF1:=ShortPath+"...\\"+AbrF
PathFile1:=DocPath+DocName1
FileCount:=1
ONERROR CALL(MinError@)
REPEAT
    NUMSTR(STRCount;1;FileCount)
    GetWPData(Edit;AtMainEditScreen!)
    If(Edit=False)
        Close()
    EndIf
    DocMinimize()
    MacroStatusPrompt(On!;"Retrieving filenames. Documents found:
"+STRCount)
    call(GetOtherFilenames@)
    FileCount:=FileCount+1
UNTIL(PathFile1=PathFile)
ONERROR(Quit@)
Return

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//*****
Label(MinError@)
    DocNext()
    Return

//*****
Label(GetOtherFileNames@)
    DocNum:=DocNum+1
    GetWPData(SelOn;SelectionModeActive!)
    If (SelOn=True)
        SelectMode(Off!)
    EndIf
    GetWPData(DocName;Name!)
    if (DocName="")
        FileSaveAsDlg()
        GetWPData(DocName;Name!)
    EndIf
    GetWPData(DocPath;Path!)
    Call(Abbreviate@)
    PathFile:=DocPath+DocName
    If (DocNum=2)
        ABF2:=ShortPath+"...\"+AbrF
    Else If (DocNum=3)
        ABF3:=ShortPath+"...\"+AbrF
    Else If (DocNum=4)
        ABF4:=ShortPath+"...\"+AbrF
    Else If (DocNum=5)
        ABF5:=ShortPath+"...\"+AbrF
    Else If (DocNum=6)
        ABF6:=ShortPath+"...\"+AbrF
    Else If (DocNum=7)
        ABF7:=ShortPath+"...\"+AbrF
    Else If (DocNum=8)
        ABF8:=ShortPath+"...\"+AbrF
    Else If(DocNum=9)
        ABF9:=ShortPath+"...\"+AbrF
    EndIf EndIf EndIf EndIf EndIf EndIf EndIf EndIf
    Return

//*****
Label(Abbreviate@)
    STRLEN(LN;DocPath)
    If (LN > 10)
        SUBSTR(ShortPath;1;3;DocPath)
    Else
        ShortPath:=DocPath
    EndIf
    STRLEN(LN;DocName)
    If(LN > 40)
        SUBSTR(AbrF;1;37;DocName)
        AbrF:=AbrF+"..."
    Else
        AbrF:=DocName
    EndIf
    Return

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//*****
Label(SelectFiles@)
  ONCANCEL(Quit@)
  ChkBx1:=2
  ChkBx2:=2
  ChkBx3:=2
  ChkBx4:=2
  ChkBx5:=2
  ChkBx6:=2
  ChkBx7:=2
  ChkBx8:=2
  ChkBx9:=2
  ChkBx11:=2
  ChkBx12:=2
  ChkBx13:=2
  ChkBx14:=2
  ChkBx15:=2
  ChkBx16:=2
  ChkBx17:=2
  ChkBx18:=2
  ChkBx19:=2
  ChkBx20:=0
  LN:=0
  MacroStatusPrompt(On!;"Creating dialog box. Please wait...")
  DialogDefine(100; 50; 50; 231; 250; 1+2+16; "LogFiles")

  If (ABF1 <> "")
    ChkBx1:=1
    DialogAddCheckBox(100; 2000; 16; 20; 170; 15; "&1 - "+ABF1; ChkBx1)
    DialogAddCheckBox(100; 2012; 201; 20; 15; 15; "";ChkBx11)
    If(CloseOption="All")
      ChkBx11:=1
    Else
      ChkBx11:=0
    EndIf
  EndIf

  If ((ABF2 <> "") and (ABF2<>ABF1))
    ChkBx2:=1
    DialogAddCheckBox(100; 2001; 16; 35; 170; 15; "&2 - "+ABF2; ChkBx2)
    DialogAddCheckBox(100; 2013; 201; 35; 15; 15; "";ChkBx12)
    If(CloseOption="All")
      ChkBx12:=1
    Else
      ChkBx12:=0
    EndIf
  EndIf

  If((ABF3 <> "") and (ABF3<>ABF1))
    ChkBx3:=1
    DialogAddCheckBox(100; 2002; 16; 50; 170; 15; "&3 - "+ABF3; ChkBx3)
    DialogAddCheckBox(100; 2014; 201; 50; 15; 15; "";ChkBx13)
    If(CloseOption="All")
      ChkBx13:=1
    Else

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        ChkBx13:=0
    EndIf
EndIf
If((ABF4 <> "") and (ABF4<>ABF1))
    ChkBx4:=1
    DialogAddCheckBox(100; 2003; 16; 65; 170; 15; "&4 - "+ABF4; ChkBx4)
    DialogAddCheckBox(100; 2015; 201; 65; 15; 15; "";ChkBx14)
    If(CloseOption="All")
        ChkBx14:=1
    Else
        ChkBx14:=0
    EndIf
EndIf
If((ABF5 <> "") and (ABF5<>ABF1))
    ChkBx5:=1
    DialogAddCheckBox(100; 2004; 16; 80; 170; 15; "&5 - "+ABF5; ChkBx5)
    DialogAddCheckBox(100; 2016; 201; 80; 15; 15; "";ChkBx15)
    If(CloseOption="All")
        ChkBx15:=1
    Else
        ChkBx15:=0
    EndIf
EndIf
If((ABF6 <> "") and (ABF6<>ABF1))
    ChkBx6:=1
    DialogAddCheckBox(100; 2005; 16; 95; 170; 15; "&6 - "+ABF6; ChkBx6)
    DialogAddCheckBox(100; 2017; 201; 95; 15; 15; "";ChkBx16)
    If(CloseOption="All")
        ChkBx16:=1
    Else
        ChkBx16:=0
    EndIf
EndIf
If((ABF7 <> "") and (ABF7<>ABF1))
    ChkBx7:=1
    DialogAddCheckBox(100; 2006; 16; 110; 170; 15; "&7 - "+ABF7; ChkBx7)
    DialogAddCheckBox(100; 2018; 201; 110; 15; 15; "";ChkBx17)
    If(CloseOption="All")
        ChkBx17:=1
    Else
        ChkBx17:=0
    EndIf
EndIf
If((ABF8 <> "") and (ABF8<>ABF1))
    ChkBx8:=1
    DialogAddCheckBox(100; 2007; 16; 125; 170; 15; "&8 - "+ABF8; ChkBx8)
    DialogAddCheckBox(100; 2019; 201; 125; 15; 15; "";ChkBx18)
    If(CloseOption="All")
        ChkBx18:=1
    Else
        ChkBx18:=0
    EndIf
EndIf
If((ABF9 <> "") and (ABF9<>ABF1))
    ChkBx9:=1

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DialogAddCheckBox(100; 2008; 16; 140; 170; 15; "&9 - "+ABF9; ChkBx9)
DialogAddCheckBox(100; 2020; 201; 140; 15; 15; "";ChkBx19)
If(CloseOption="All")
    ChkBx19:=1
Else
    ChkBx19:=0
EndIf
EndIf
DialogAddPushButton(100;2009;8;215;42;13;0;"&LogState...")
B1:=MacroDialogResult
DialogAddPushButton(100; 2021; 51; 215; 50; 13; 0; "&Delete Profile")
B2:=MacroDialogResult
DialogAddPushButton(100; 2022; 102; 215; 45; 13; 0; "&Edit Name...")
B3:=MacroDialogResult
DialogAddGroupBox(100; 100; 8; 6; 180; 153; "Select files to log")
DialogAddText(100; 2010; 16; 175; 25; 15; 1; "&Profile: ")
DialogAddComboBox(100; 2011; 45; 173; 162; 50; 8; Combo1; 35)
If (ResOption = "On")
    XPressText:="Resume - E&xpress"
Else
    XPressText:="Resume - E&xpress (Global Express On)"
EndIf
If (Express="Off")
    ChkBx20:=0
EndIf
If (Express="On")
    ChkBx20:=1
EndIf
DialogAddCheckBox(100; 2030; 45; 187; 150; 15; XPressText; ChkBx20)
Count:=0
Index:=""
ProfName:=""
Name:=""
Repeat
    Count:=Count+1
    NumStr(Index;0;Count)
    DLLCall(MCRLink;"MCRGetIniString";IniResult: WORD;{"WPWP";
        Ansistring ("LogProfile"+Index);
        Ansistring ("ProfName");Ansistring("Error");Address(Name)})
    If((Name<>"Error") and (Name<>"Free"))
        MacroStatusPrompt(On!;"Retrieving Work Profiles...")
        DialogAddListItem(100; 2011; Name)
    EndIf
Until (Name="Error")
DialogAddGroupBox(100; 101; 8; 160; 212; 49; "Select Work Profile")
DialogAddGroupBox(100; 2023; 190; 6; 30; 153; "Close")
DialogDisplay(100; 2000)
If (MacroDialogResult=B1)
    DialogDestroy(100)
    DLLCall(MCRLink;"MCRWriteIniString";IniResult: WORD;{"WPWP";
        AnsiString ("Log-Resume Option");
        AnsiString("CallingProcess");Ansistring("Macro")})
    Run(MacPath+"LogState.wcm")
    Go(BeginHere@)
EndIf

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If (MacroDialogResult=2)
    DialogDestroy(100)
    Go(Quit@)
EndIf
If(MacroDialogResult=B2)
    DialogDestroy(100)
    MacroStatusPrompt(On!;"Deleting Work Profile - "+Combo1)
    DoFree:="Yes"
    Call(DeleteProfile@)
    Go(SelectFiles@)
EndIf
If(MacroDialogResult=B3)
    DialogDestroy(100)
    Call(EditProfile@)
    Go(SelectFiles@)
EndIf
If(Combo1="")
    DialogDestroy(100)
    Beep
    PROMPT("LogFiles";"You must provide a Work Profile name.";3;175; 200)
    WAIT(50)
    ENDPROMPT
    Go(SelectFiles@)
EndIf
If (Combo1=DefaultSel)
    DialogDestroy(100)
    MacroStatusPrompt(On!;"Preparing Work Profile - "+Combo1)
    Call(DeleteProfile@)
    Go(LogTheFile@)
EndIf
DialogDestroy(100)
Count:=0
Repeat
    Count:=Count+1
    NumStr(Index;0;Count)
    DLLCall(MCRLink;"MCRGetIniString";IniResult: WORD;{"WPWP";
        Ansistring ("LogProfile"+Index);
        Ansistring ("ProfName");Ansistring("Error");Address(Name)})
    If(Name=Combo1)
        LastProfile:="LogProfile"+Index
        Call(WriteLast@)
        MacroStatusPrompt(On!;"Preparing Work Profile - "+Combo1)
        Call(DeleteProfile@)
        Go(LogTheFile@)
    EndIf
Until(Name="Error")
Count:=0
Repeat
    Count:=Count+1
    NumStr(Index;0;Count)
    DLLCall(MCRLink;"MCRGetIniString";IniResult: WORD;{"WPWP";
        Ansistring ("LogProfile"+Index);
        Ansistring ("ProfName");Ansistring("Error");Address(Name)})
    If(Name="Free")
        LastProfile:="LogProfile"+Index

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        Call(WriteLast@)
        DLLCall(MCRLink;"MCRWriteIniString";IniResult: WORD;{"WPWP";
            AnsiString (LastProfile);
            AnsiString("ProfName");Ansistring(Combo1)})
        MacroStatusPrompt(On!;"Preparing Work Profile - "+Combo1)
        Call(DeleteProfile@)
        Go(LogTheFile@)
    EndIf
Until(Name="Error")
LastProfile:="LogProfile"+Index
Call(WriteLast@)
DLLCall(MCRLink;"MCRWriteIniString";IniResult: WORD;{"WPWP";
    AnsiString (LastProfile);
    AnsiString("ProfName");Ansistring(Combo1)})
Go(LogTheFile@)

//*****
Label(WriteLast@)
    DLLCall(MCRLink;"MCRWriteIniString";IniResult: WORD;{"WPWP";
        AnsiString ("Log-Resume Option");
        AnsiString("LastProfile");Ansistring(LastProfile)})
    Return

//*****
Label(DeleteProfile@)
IniResult:=0
Count:=0
Name:=""
Index:=""
Repeat
    Count:=Count+1
    NumStr(Index;0;Count)
    DLLCall(MCRLink;"MCRGetIniString";IniResult: WORD;{"WPWP";
        Ansistring ("LogProfile"+Index);
        Ansistring ("ProfName");Ansistring("Error");Address(Name)})
    If(Name=Combo1)
        KeyCount:=0
        KeyNum:=""
        KeyVal:=""
        If(DoFree="Yes")
            DLLCall(MCRLink;"MCRWriteIniString"; IniResult : WORD;{"WPWP";
                AnsiString("LogProfile"+Index);
                AnsiString("ProfName");AnsiString("Free")})
            DLLCall(MCRLink;"MCRWriteIniString"; IniResult : WORD;{"WPWP";
                AnsiString("LogProfile"+Index);
                AnsiString("Express");""})
        EndIf
    Repeat
        KeyCount:=KeyCount+1
        NumStr(KeyNum;0;KeyCount)
        DLLCall(MCRLink;"MCRGetIniString";IniResult: WORD;{"WPWP";
            Ansistring ("LogProfile"+Index);
            Ansistring
("Doc"+KeyNum);Ansistring("Error");Address(KeyVal)})
        DLLCall(MCRLink;"MCRWriteIniString"; IniResult : WORD;{"WPWP";

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        AnsiString("LogProfile"+Index);
        AnsiString("Doc"+KeyNum);""})
    DLLCall(MCRLink;"MCRWriteIniString"; IniResult : WORD;{"WPWP";
        AnsiString("LogProfile"+Index);
        AnsiString("CursorPos"+KeyNum);""})
    Until (KeyVal="Error")
    DoFree:="No"
    Return
EndIf
Until(Name="Error")
DoFree:="No"
Return

//*****
Label(EditProfile@)
Edit:=Combo1
DialogDefine(100; 50; 50; 220; 70; 1+2+16; "LogFiles - Edit Profile Name")
DialogAddEditBox(100; 1000; 56; 10; 150; 13; 1; Edit; 35)
DialogAddText(100; 1001; 10; 12; 40; 15; 1; "New Name: ")
DialogDisplay(100;1000)
Result:=MacroDialogResult
DialogDestroy(100)
If(Result=2)
    Return
EndIf
If(Edit<>"" )
    Count:=0
    Index:=""
    Name:=""
    Repeat
        Count:=Count+1
        NumStr(Index;0;Count)
        DLLCall(MCRLink;"MCRGetIniString";IniResult: WORD;{"WPWP";
            Ansistring ("LogProfile"+Index);
            Ansistring ("ProfName");Ansistring("Error");Address(Name)})
        If(Name=Combo1)
            DLLCall(MCRLink;"MCRWriteIniString";IniResult: WORD;{"WPWP";
                AnsiString ("LogProfile"+Index);
                AnsiString("ProfName");    Ansistring(Edit)})
            Return
        EndIf
    Until (Name="Error")
EndIf
Return

//*****
LABEL(LogTheFile@)
If (ChkBx20=1)
    Express:="On"
Else If (ChkBx20=0)
    Express:="Off"
EndIf EndIf
DLLCall(MCRLink;"MCRWriteIniString";IniResult: WORD;{"WPWP";
    AnsiString (LastProfile);
    AnsiString("Express");Ansistring(Express)})

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Fileind:=0
ForEach(Item;{ChkBx1;ChkBx2;ChkBx3;ChkBx4;ChkBx5;ChkBx6;ChkBx7;ChkBx8;ChkBx9})
  If(Item = 0)
    DocNext()
  Else If(Item = 1)
    Fileind:=Fileind+1
    DocMod:=TRUE
    GetWPData(DocName;Name!)
    GetWPData(DocPath;Path!)
    PathFile:=DocPath+DocName
    GetWPData(PageNum; Page!)
    GetWPData(LineNum; Line!)
    GetWPData(PosNum; Pos!)
    NUMSTR(SPage;;PageNum)
    NUMSTR(SLine;;LineNum)
    NUMSTR(SPos;;PosNum)
    GetWPData(DocMod; DocumentModified!)
    If (DocMod=TRUE)
      FileSave(PathFile; WordPerfect51!)
    EndIf
    NumStr(FileIndex;0;Fileind)
    STRLEN(LN;DocName)
    If(LN > 60)
      SUBSTR(AbrF;1;60;DocName)
      AbrF:=AbrF+"..."
    Else
      AbrF:=DocName
    EndIf
    MacroStatusPrompt(On!;"Logging document - "+AbrF)
    DLLCall(MCRLINK;"MCRWriteIniString";IniResult: WORD;{"WPWP";
      AnsiString (LastProfile);
      AnsiString("Doc"+FileIndex);AnsiString(PathFile)})
    DLLCall(MCRLINK;"MCRWriteIniString";IniResult: WORD;{"WPWP";
      AnsiString(LastProfile);
      AnsiString("CursorPos"+Fileindex);AnsiString(SPos+SLine+SPage)})
    DocNext()
  Else If(Item=2)
    Go(CloseDocs@)
  EndIf EndIf EndIf
EndFor
Go(CloseDocs@)

//*****
Label(CloseDocs@)
MacroStatusPrompt(On!;"Closing selected documents. Please wait...")
ForEach(Item;
{ChkBx11;ChkBx12;ChkBx13;ChkBx14;ChkBx15;ChkBx16;ChkBx17;ChkBx18;ChkBx19})
  If(Item=2)
    Go(Quit@)
  EndIf
  If(Item=1)
    Close()
  Else
    DocNext()
  EndIf

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EndFor
Go(Quit@)

//*****
Label(NoPrompt@)
  Call(DeleteProfile@)
  PathFile:=""
  fileind:=0
  ONCANCEL (quit@)
  REPEAT
    Fileind:=Fileind+1
    GetWPData(SelOn;SelectModeActive!)
    If (SelOn=True)
      SelectMode(Off!)
    EndIf
    GetWPData(Edit;AtMainEditScreen!)
    If(Edit=False)
      Close()
    EndIf
    GetWPData(DocName;Name!)
    if (DocName="")
      FileSaveAsDlg()
    EndIf
    DocMod:=TRUE
    GetWPData(DocName;Name!)
    GetWPData(DocPath;Path!)
    PathFile:=DocPath+DocName
    GetWPData(PageNum; Page!)
    GetWPData(LineNum; Line!)
    GetWPData(PosNum; Pos!)
    NUMSTR(SPage;;PageNum)
    NUMSTR(SLine;;LineNum)
    NUMSTR(SPos;;PosNum)
    GetWPData(DocMod; DocumentModified!)
    If (DocMod=TRUE)
      FileSave(PathFile; WordPerfect51!)
    EndIf
    NumStr(FileIndex;0;Fileind)
    STRLEN(LN;DocName)
    If(LN > 60)
      SUBSTR(AbrF;1;60;DocName)
      AbrF:=AbrF+"..."
    Else
      AbrF:=DocName
    EndIf
    MacroStatusPrompt(On!;"Logging document - "+AbrF)
    DLLCall(MCRLink;"MCRWriteIniString";IniResult: WORD;{"WPWP";
      AnsiString (LastProfile);
      AnsiString("Doc"+FileIndex);AnsiString(PathFile)})
    DLLCall(MCRLink;"MCRWriteIniString";IniResult: WORD;{"WPWP";
      AnsiString(LastProfile);
      AnsiString("CursorPos"+Fileindex);AnsiString(SPos+SLine+SPage)})
    Close()
    GetWPData(DocBlank;DocumentBlank!)
  UNTIL(DocBlank=TRUE)

```

Go(quit@)

//*****

```
LABEL(Quit@)
  If(LWindow <> "Default")
    Call(ArrangeWindow@)
  EndIf
  MacroStatusPrompt(On!;" ")
  Redisplay()
  DLLFree(MCRLink)
  Quit
```

//*****

```
LABEL(ArrangeWindow@)
  GetWPData(DocBlank;DocumentBlank!)
  If(DocBlank=TRUE)
    LWindow:="Default"
    Go(Quit@)
  EndIf
  If(LWindow="Max")
    DocMaximize()
    Return
  EndIf
  If (LWindow="Tile")
    ONERROR(CatchError@)
    Count:=0
    Repeat
      Count:=Count+1
      DocRestore()
      DocNext()
    Until (Count=9)
    WindowTile()
    Return
  EndIf
  If (LWindow="Cascade")
    ONERROR(CatchError@)
    Count:=0
    Repeat
      Count:=Count+1
      DocRestore()
      DocNext()
    Until (Count=9)
    WindowCascade()
    Return
  EndIf
```

//*****

```
LABEL(CatchError@)
  GetWPData(DocBlank;DocumentBlank!)
  If(DocBlank=TRUE)
    LWindow:="Default"
    Go(Quit@)
  EndIf
  If(LWindow="Cascade")
    WindowCascade()
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        LWindow:="Default"  
        Go(Quit@)  
    EndIf  
    If(LWindow="Tile")  
        WindowTile()  
        LWindow:="Default"  
        Go(Quit@)  
    EndIf
```