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Dim Shared ReadOnlyOpen
Dim Shared FirstTime
Sub MAIN

Dim subdirs$(0)           'Declare subdirectories array.
Dim filelist$(0)         'Declare file name array.
Dim OpenFile
Dim File$
Dim CurrentFile

FirstTime = - 1
ReadOnlyOpen = 0
OpenFile = 0

Print "Loading File Viewer..."
WaitCursor 1

GetFilesAndDirs subdirs$(), filelist$()
dirstring$ = LCase$(Files$("."))
If Len(dirstring$) > 23 Then FixDirectoryString dirstring$
dirstring$ = "Current directory: " + dirstring$

Print
WaitCursor 0

Begin Dialog UserDialog 456, 380, "File Viewer", .DialogAction
    ListBox 7, 46, 160, 103, filelist$(), .listfiles
    ListBox 174, 46, 160, 103, subdirs$(), .listdirs
    Text 173, 30, 88, 13, "Directories:"
    OKButton 355, 5, 88, 21
    CancelButton 355, 29, 88, 21
    PushButton 355, 53, 88, 21, "View", .View
    PushButton 355, 77, 88, 21, "Large", .Large
    PushButton 355, 101, 88, 21, "Open", .Open
    Text 7, 30, 41, 13, "Files:"
    Text 7, 6, 325, 13, dirstring$, .dirlabel
    FilePreview 110, 169, 239, 202, .fileViewBox
End Dialog
Dim dlg As UserDialog
GetCurValues dlg
'file = dlg.listfiles
buttonChoice = Dialog(dlg)
End Sub

Sub FixDirectoryString(dirstring$)
count = 0
pos = InStr(dirstring$, "\" )           'Returns position of "\"
While pos <> 0

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        oldpos = pos
        pos = InStr(pos + 1, dirstring$, "\")
        count = count + 1
Wend
If count > 1 Then
    initialpos = InStr(dirstring$, "\")
    leftstring$ = Left$(dirstring$, initialpos)
    rightstring$ = Mid$(dirstring$, oldpos)
    dirstring$ = leftstring$ + "... " + rightstring$
End If
End Sub

Sub GetFilesAndDirs(subdirs$( ), filelist$( ))
    Redim subdirs$(CountDirectories())           'Redimension subdirs$( ) array.
    subdirs$(0) = "[.]"                          'Set value of first element.
    For x = 1 To CountDirectories()              'Fill subdirs$( ) array.
        subdirs$(x) = LCase$(GetDirectory$(x))
    Next
    count = 1
    a$ = Files$("*.*")                            'Set file specification.
    While Files$( ) <> ""                          'Increment counter to redim.
        count = count + 1
    Wend
    Redim filelist$(count - 1)
    If Files$("*.*") <> "" Then
        filelist$(0) = LCase$(FileNameInfo$(Files$("*.*"), 3))
        For x = 1 To count - 1
            filelist$(x) = LCase$(FileNameInfo$(Files$( ), 3))
        Next
    End If
    If CountDirectories( ) > 0 Then SortArray subdirs$( )
    If count > 1 Then SortArray filelist$( )
End Sub

Function DialogAction(id$, action, wvalue)
    File$ = DlgText$("listfiles")
    Select Case action
        Case 1          ' The dialog box is displayed
            dot = InStr(File$, ".")
            extension$ = Mid$(File$, dot + 1, 3)
            If extension$ = "doc" Or extension$ = "txt" Then
                DlgFilePreview "fileViewBox", File$
            End If
        Case 2          ' The user selects a control
            If id$ = "OK" And DlgFocus$( ) = "listdirs" Then
                If DlgText$("listdirs") <> "[.]" Then
                    ChDir DlgText$("listdirs")
                Else

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        test$ = Files$(".")
        If Mid$(test$, Len(test$), 1) <> "\" Then
            ChDir ".."
        End If
    End If
    Dim subdirs$(0)
    Dim filelist$(0)
    WaitCursor 1
    GetFilesAndDirs subdirs$(), filelist$()
    DlgListBoxArray "listdirs", subdirs$()
    DlgListBoxArray "listfiles", filelist$()
    WaitCursor 0
    dirstring$ = LCase$(Files$("."))
    If Len(dirstring$) > 23 Then FixDirectoryString dirstring$
    dirstring$ = "Current directory: " + dirstring$
    DlgText$ "dirlabel", dirstring$
DialogAction = 1
End If
If id$ = "OK" And DlgFocus$() = "listfiles" Then
    If DlgFilePreview$() <> File$ Then
        dot = InStr(File$, ".")
        extension$ = Mid$(File$, dot + 1, 3)
        If extension$ <> "doc" And extension$ <> "txt" Then
            Call NotTextFile
        Else
            DlgFilePreview "fileViewBox", File$
        End If
        DialogAction = 1
    End If
End If
If id$ = "View" And DlgFilePreview$() <> File$ Then
    dot = InStr(File$, ".")
    extension$ = Mid$(File$, dot + 1, 3)
    If extension$ = "doc" Or extension$ = "txt" Then
        DlgFilePreview "fileViewBox", File$
    Else
        Call NotTextFile
    End If
    DialogAction = 1
End If
If id$ = "Large" And DlgFilePreview$() <> File$ Then
    dot = InStr(File$, ".")
    extension$ = Mid$(File$, dot + 1, 3)
    If extension$ <> "doc" And extension$ <> "txt" Then
        Call NotTextFile
    Else
        If firstTime = - 1 Then
            FileOpen .Name = file$', .ReadOnly = 1
        End If
    End If
End If

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        firstTime = 0
        ReadOnlyOpen = - 1
    Else
        DocClose 2
        FileOpen .Name = File$', .ReadOnly = 1
        ReadOnlyOpen = - 1
    End If
End If
DialogAction = 1
End If
If id$ = "Open" Then
    If ReadOnlyOpen = - 1 Then
        DocClose 2
        FileOpen .Name = DlgText$("listfiles")
    Else
        dot = InStr(File$, ".")
        extension$ = Mid$(File$, dot + 1, 3)
        If extension$ = "doc" Or extension$ = "txt" Then
            FileOpen .Name = DlgText$("listfiles")
        Else
            Call NotTextFile
            DialogAction = 1
        End If
    End If
End If
If id$ = "OK" Then
    If ReadOnlyOpen = - 1 Then
        Message$ = "Open file for editing?"
        Title$ = "Edit File Confirm"
        Choice = MsgBox(Message$, Title$, 36)
        If Choice = 0 Then
            DocClose 2
        End If
    End If
End If
If id$ = "Cancel" Then
    If ReadOnlyOpen = - 1 Then
        DocClose 2
    End If
End If
Case Else
End Select
End Function

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Sub NotTextFile
    Message$ = "Not a text file"
    Title$ = "Preview Error"
    MsgBox Message$, Title$, 48

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End Sub

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Function CheckExt(Extension$)
    dot = InStr(File$, ".")
    extension$ = Mid$(File$, dot + 1, 3)
End Function
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