

Re: Need Help deleting record from text file

Source:

<http://www.tech-archive.net/Archive/VB/microsoft.public.vb.general.discussion/2007-09/msg01568.html>

- *From:* "Norm" <NormF4@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 26 Sep 2007 12:38:34 -0700
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Dave,

Can you point me to some examples as I do not have any experience with databases?

Here is what I am doing now with code attached. Seems pretty quick until you get to a large number of files.

Working with 10,746 files takes 119.64 seconds. I know there has to be a faster way than this. :-)

Randy will probably recognize a lot of this code as it comes from his site.

Watch for line wrapping.

Code following:

```
Dim ff As Integer
Dim FileIn As String
Dim tstart As Long
Dim RecordLine() As String
Dim h As Long
Dim sText As String
Dim sCaption As String
Dim x As Integer
Dim tend As Single
Dim TargetPath As String
Dim strFile As String
Dim strSaveFile As String
Dim sPart As String
Dim lne As String
Dim bLneCheck As Boolean
Dim strCheck As String
Dim strPath As String
Dim c As Long
Dim stPath As String
```

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List6.Clear

bLneCheck = False

Command13.Enabled = True

Command16.Enabled = False

Screen.MousePointer = 11

lvSaved.Visible = False

lvSaved.Text = ""

List16.Clear

lvSaved.Refresh

Text3.Visible = True

tstart = GetTickCount()

blnDelList = True

Label5.Caption = "Working Please Wait"

Label5.ForeColor = &HC0&

Label5.Refresh

strCheckList = "Original"

Command17.Enabled = True

Command17.Caption = "Save New File"

Text2.Text = ""

Text2.Refresh

Text1.Text = ""

Text1.Refresh

h = List5.ListIndex

strSaveTargetPath = List5.List(h)

strPath = List5.List(h)

If Len(strSaveTargetPath) > 3 Then

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```
sDriLetter = Left(strSaveTargetPath, 1)

strSaveTargetPath = sDriLetter & Right(strSaveTargetPath,
(Len(strSaveTargetPath) - 3))

Else

strSaveTargetPath = Left(strSaveTargetPath, 1)

End If

List13.Clear

strOutputFile2$ = App.Path & "\" & strSaveTargetPath & ".txt"

If FileExists(strOutputFile2$) = False Then

Text1.Text = "0"

lvSaved.Text = ""

lvSaved.SelText = " No Files In
Original List"

GoTo Continue

End If

Command13.Caption = "Show Saved Files"

ff = FreeFile

Open strOutputFile2$ For Binary As #ff

FileIn = Space(LOF(ff))

Get #ff, , FileIn

Close #ff

FileIn = vbNewLine & FileIn & vbNewLine

c = InStr(1, FileIn, ":", vbTextCompare)

SavedDir = Mid$(FileIn, (c - 1), 3)

sJob = strPath

bCheck = True
```

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```
Set strCollection1 = Nothing
```

```
Set strCollection1 = New Collection
```

```
With FP
```

```
.sFileRoot = QualifyPath(strPath) 'Sets backslash at end of path
```

```
.sFileNameExt = "*.*"
```

```
.bRecurse = 1
```

```
.nCount = 0
```

```
.nSearched = 0
```

```
End With
```

```
Call SearchForFiles(FP.sFileRoot) 'This only takes about 7 secs for  
10,746 files
```

```
bCheck = False
```

```
y = strCollection1.Count
```

```
Set strCollection2 = Nothing
```

```
Set strCollection2 = New Collection
```

```
For y = strCollection1.Count To 1 Step -1
```

```
If Left$(strCollection1.item(y), 3) = SavedDir Then
```

```
stPath = strCollection1.item(y)
```

```
Else
```

```
stPath = SavedDir & strCollection1.item(y)
```

```
End If
```

```
stPath = TrimNull(stPath)
```

```
h = InStr(1, FileIn, stPath, vbTextCompare)
```

```
If h > 0 Then
```

```
h = InStr(1, stPath, vbNewLine, vbBinaryCompare)
```

```
If h > 0 Then stPath = Left$(stPath, (Len(stPath) -  
Len(vbNewLine)))
```

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```
strCollection2.Add stPath
End If
Next y
y = strCollection2.Count
Kill strOutputFile2$
ff = FreeFile
Open strOutputFile2$ For Output As #ff
For y = strCollection2.Count To 1 Step -1
stPath = strCollection2.item(y)
Print #ff, strCollection2.item(y)
Next y
Close ff
Set strCollection2 = Nothing
Set strCollection1 = Nothing
lvSaved.LoadFile strOutputFile2$, 1
Continue:
Label5.Caption = "List of Original Path Log"
Label5.ForeColor = &H0&
Label5.Refresh
lvSaved.SelStart = Len(lvSaved)
Text1 = lvSaved.GetLineFromChar(lvSaved.SelStart)
lvSaved.SelStart = 0
lvSaved.Visible = True
Text3.Visible = False
tend = GetTickCount
```

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```
Screen.MousePointer = 0
```

```
Text2.Text = FormatNumber((tend - tstart) / 1000, 2) & " Seconds"
```

This is the routine called to read the files from the saved location, only takes about 7 secs for 10,746 files.

```
Private Sub SearchForFiles(sRoot As String)

Dim WFD As WIN32_FIND_DATA
Dim hFile As Long
Dim strPath As String
Dim y As Long
Dim strCheck As String

hFile = FindFirstFile(sRoot & ALL_FILES, WFD)

If hFile <> INVALID_HANDLE_VALUE Then

Do

If bCheck = False Then Exit Sub

If (WFD.dwFileAttributes And vbDirectory) Then
If Asc(WFD.cFileName) <> vbDot Then

If FP.bRecurse Then

SearchForFiles sRoot & TrimNull(WFD.cFileName) &
vbBackslash

End If

End If

Else

If MatchSpec(WFD.cFileName, FP.sFileNameExt) Then

FP.nCount = FP.nCount + 1

If sRoot = sJob & "\" Then

>List13.AddItem TrimNull(WFD.cFileName)

ReDim Preserve strArray1(1, FP.nCount)

strCollection1.Add SavedDir & (WFD.cFileName) &
```

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```
vbNewLine

Else

strPath = Right$(sRoot, (Len(sRoot) - (Len(sJob) + 1)))

'ReDim Preserve strArray1(1, FP.nCount + 1)

strCollection1.Add strPath & TrimNull(WFD.cFileName) &
vbNewLine

'strCheck = strCollection1.item(FP.nCount)

y = strCollection1.Count

End If

lvSaved.SelText = sRoot & TrimNull(WFD.cFileName) & vbCrLf

End If

End If

FP.nSearched = FP.nSearched + 1

Loop While FindNextFile(hFile, WFD)

End If

Call FindClose(hFile)

y = strCollection1.Count

End Sub
```

Thanks in advance,

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Norm

Don't blame me, my programming is
self-taught and my teacher was not
very experienced. :-)

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