

RE: Network Connection Issue?

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.externaldata/2007-11/msg00174.html>

- *From:* LeAnn <LeAnn@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 16 Nov 2007 16:41:00 -0800
-

Hi Brian,

Both great ideas. I will ponder them over. If I create my own log table, I will need to purge it regularly to keep the size from growing exponentially – easy enough.

Thanks for the ideas!

"Brian" wrote:

Yes. That was the gist of my first step in isolating the problem. Intermittent network problems can be very difficult to diagnose.

If the file names are pre-defined (i.e. IF you are looking for specific files rather than just processing whatever files are in the folder), try doing a Dir specifically for each file immediately before you open it.

In conjunction with this, try adding code to give you and/or your users an indication of what the program is doing at any given time as well as the last action successfully completed. I would try one of two things (or both):

1. Set the status bar text to show the specific action and/or file being processed. This may give the user a more specific idea of what is happening when the program hangs.

```
Dim txtStatus as Variant  
Dim procCurrent as String  
Dim FileName as String  
Dim PathName as String
```

```
'time to open an Excel file; repeat for each file  
procCurrent = "Processing Excel file"  
FileName = "MyExcelFile.xls"  
PathName = "F:\ExcelFiles"  
txtStatus = SysCmd(acSysCmdSetStatus, procCurrent & ": " & PathName & "\" &  
FileName)
```

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When done, be sure to do this to clear the status bar so it does not appear to be stuck on the last action:

```
txtStatus = SysCmd(acSysCmdClearStatus)
```

2. Add a table to record events as they happen. Append a record immediately after processing each iteration of a loop or at key code points. Include the date, time, and notation identifying what happened last. Then, if the program gets hung and the user has to close it down, you can look at the last event in the log to see the last successful event and infer at what point it hung.

"LeAnn" wrote:

Hi Brian,

I think I already have something like that but perhaps it needs a little modification. Are you saying I should check for the database file? Here's a snippet of what I'm doing.

```
strFile = Dir(UDSCDIR)
```

```
If strFile = "" Then
```

```
MsgBox "There are no files in the directory.", vbOKOnly + vbExclamation,  
"No files"
```

```
Exit Sub
```

```
End If
```

```
'Open each file and copy range into Excel template
```

```
Do Until strFile = ""
```

```
'Open excel
```

```
Set objXL = CreateObject("Excel.Application")
```

```
objXL.Workbooks.OpenText FileName:=UDSCDIR & strFile, _
```

```
Origin:=437, StartRow:=1, DataType:=xlDelimited, TextQualifier:= _
```

```
xlDoubleQuote, ConsecutiveDelimiter:=False, Tab:=True,
```

```
Semicolon:=False, _
```

```
Comma:=False, Space:=False, Other:=False, FieldInfo:=Array(1,
```

```
2), _
```

```
TrailingMinusNumbers:=True
```

```
'Do a whole lot of things with each file
```

```
Loop
```

"Brian" wrote:

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Try something like this – a simple test to see if the target file exists.

This assumes you are already running an Access app that needs to access a file name AccessDB.mdb at the path below via mapped drive R. The same could apply to Excel or other files opened via VBA.

```
Dim FileName as String
FileName = R:\Path\Folder\AccessDB.mdb
if len(dir(filename)) = 0 then
MsgBox "No file found". 'or log an error, etc.
Exit sub
end if
```

"LeAnn" wrote:

Hi,

I have an Access 2003 and I use VBA to process multiple files on the network – perhaps as many as 20 in a session (sometimes importing, sometimes converting text files into Excel files, sometimes exporting). Each file contains anywhere from 256 to 4000+ records each. The current version is a stand alone .mdb on a network drive. It is only used from one PC station. My question is, is there a way to check for network connectivity during the processing? There have been many times that the database stops processing files and thus the "Please Wait.." form that displays stays displayed – for hours and hours until they get tired of waiting and finally call me! Access itself has not stopped responding that I am aware of. I disabled the On Error handling to see if an error would display but it doesn't. I'm only guessing it is a network connection problem because the area this PC is in has had other network reliability issues.

This database is in revision now and will be split into a Front End/Back End design. Any suggestions on ways to handle this? I have not been able to reproduce the problem.

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Thanks
LeAnn