

## Re: Need Help..

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.scripting/2006-11/msg00076.html>

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- *From:* "Richard Mueller" <[rlmueller-NOSPAM@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:rlmueller-NOSPAM@xxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Wed, 8 Nov 2006 16:05:46 -0600
- 

If the script below works, where you add a record with values for fields strComputer, strName, strModel, etc. works, then I can only guess the problem is caused by a table constraint. Could one of the missing fields be required? What error message do you get?

--  
Richard  
Microsoft MVP Scripting and ADSI  
Hilltop Lab - <http://www.rlmuellet.net>

"Dennis" <[Dennis@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:Dennis@xxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message  
[news:BCCAB5EE-F085-4ECD-9F4C-45E33034B39F@xxxxxxxxxxxxxxxx](mailto:news:BCCAB5EE-F085-4ECD-9F4C-45E33034B39F@xxxxxxxxxxxxxxxx)

Thanks for the reply Richard...  
The thing is, this part of the script is working (part under this reply).  
But if we can't ping a computer then we must add empty records with the  
computer name into the database.  
The part where we must add disconnected computers to the database i can't  
get working.

```
=====
Set colComputers = GetObject("LDAP://CN=Computers, DC=Contoso, DC=com")
For Each objComputer In colComputers
strComputer = objComputer.CN
```

```
If IsConnectible(strComputer, 3, 1000) = True Then
```

```
set objWMIService = GetObject("winmgmts:" _
& "{impersonationLevel=impersonate}!\\" & strComputer &
"\root\cimv2")
Set CompSysSet = objWMIService.ExecQuery("select * from
Win32_ComputerSystemProduct", "WQL", _
wbemFlagReturnImmediately +
wbemFlagForwardOnly)
```

```
For Each CompSys In CompSysSet
strIdentifyingNumber = Compsys.IdentifyingNumber
strVendor = CompSys.Vendor
strDescription = CompSys.Description
```

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```
strModel = CompSys.Model  
strName = CompSys.Name  
next
```

```
objRS.CursorType = iCursorType  
objRS.LockType = iLockType  
objRS.Source = "tblComputer"  
objRS.ActiveConnection = objCon  
objRS.Open  
objRS.AddNew  
objRS("strComputer") = strComputer  
objRS("strName") = strName  
objRS("strModel") = strModel  
objRS("strDescription")= strDescription  
objRS("strIdentifyingNumber") = strIdentifyingNumber  
objRS("strVendor") = strVendor  
objRS.Update  
intCompID = objRS("ID")  
objRS.Close
```

=====

"Richard Mueller" wrote:

Hi,

I think the main problem is that the function IsConnectible returns True if the computer responds to the ping, but you attempt to update your database only if it returns False. In the function, note that InStr(fFile.ReadAll, "TTL=") will be other than zero if the computer responds, it will be zero if the computer does not respond.

--

Richard  
Microsoft MVP Scripting and ADSI  
Hilltop Lab – <http://www.rlmuellet.net>

"Dennis" <Dennis@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
[news:4072E6BE-1B32-4E38-922B-9FC1E2EDF1CB@xxxxxxxxxxxxxxxxxxxx](mailto:news:4072E6BE-1B32-4E38-922B-9FC1E2EDF1CB@xxxxxxxxxxxxxxxxxxxx)

Hi to U all,

I'm a scripting newbe and need help with a script. (thanks alot!!!)  
This script is part of a solution that queries a OU container in

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AD.

Some information must be recored in a Database (If this works we will

use

WMI to collect data from computers).

Before it will collect data it checks if de computer is online.

This

function is working.

But there are no records added in the database.

This is my script:

```
=====
Dim strComputerName ' The Computer Name to be queried
via WMI
Dim strWinMgt ' The WMI management String
Dim objCon ' A Connection Object for database connectivity
Dim objRS ' A Recordset Object for database connectivity
Dim sProviderName ' The OLE Provider Type
Dim iCursorType ' The Cursor Type for the Recordset
Dim iLockType ' The Lock Type for the Recordset
Dim sDataSource ' The name and location of the database
Dim intCompID ' A computer ID assinged when the
computer is added to
the
database
Dim intRam ' The amount of RAM in the computer.

'
'
' Write Computer Info to Database
'

Call subConnectionOpen
Call subWriteComputerInfo
Call subConnectionClose

WScript.echo "Finished Collection Information for the
System."

'-----DataBase Connectie openen
-----

Sub subConnectionOpen
Set objCon = CreateObject("ADODB.Connection")
Set objRS = CreateObject("ADODB.Recordset")
sProviderName = "Microsoft.Jet.OLEDB.4.0"
iCursorType = 1
iLockType = 3
sDataSource = "dbCompInfo.mdb"
objCon.Provider = sProviderName
```

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```
objCon.Properties("Data Source") = sDataSource  
objCon.Open  
End Sub
```

```
'----- DataBase Connectie sluiten  
-----
```

```
Sub subConnectionClose  
Set objRS = Nothing  
Set objCon = Nothing  
End Sub
```

```
'----- Computer informatie ophalen en plaatsen in  
database -----
```

```
Sub subWriteComputerInfo
```

```
'On Error Resume Next
```

```
Set colComputers = GetObject("LDAP://CN=Computers,  
DC=Contoso,  
DC=com")  
For Each objComputer In colComputers  
strComputer = objComputer.CN
```

```
If IsConnectible(strComputer, 3, 1000) = False Then
```

```
'WScript.echo strComputer & " Niet Verbonden!"  
objRS.CursorType = iCursorType  
objRS.LockType = iLockType  
objRS.Source = "tblComputer"  
objRS.ActiveConnection = objCon  
objRS.Open  
objRS.AddNew  
objRS("strComputer") = strComputer  
objRS.Update  
intCompID = objRS("ID")  
objRS.Close
```

```
Else
```

```
'WScript.echo strComputer & " Verbonden!"
```

```
End if
```

```
Next
```

```
End Sub
```

```
'-----
```

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```
Function IsConnectible(sHost, iPings, iTO)
' Returns True or False based on the output from ping.exe
' Works an "all" WSH versions
' sHost is a hostname or IP
' iPings is number of ping attempts
' iTO is timeout in milliseconds
' if values are set to "", then defaults below used

Const OpenAsASCII = 0
Const FailIfNotExist = 0
Const ForReading = 1
Dim oShell, oFSO, sTempFile, fFile

If iPings = "" Then iPings = 2
If iTO = "" Then iTO = 750

Set oShell = CreateObject("WScript.Shell")
Set oFSO = CreateObject("Scripting.FileSystemObject")

sTempFile = oFSO.GetSpecialFolder(2).ShortPath & "\" &
oFSO.GetTempName

oShell.Run "%comspec% /c ping.exe -n " & iPings & " -w "
& iTO _
& " " & sHost & ">" & sTempFile, 0, True

Set fFile = oFSO.OpenTextFile(sTempFile, ForReading, _
FailIfNotExist, OpenAsASCII)

Select Case InStr(fFile.ReadAll, "TTL=")
Case 0 IsConnectible = False
Case Else IsConnectible = True
End Select

fFile.Close
oFSO.DeleteFile(sTempFile)

End Function

===== End script
```

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