

## Re: Problem with disable msde connection pool

**Source:**

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.adonet/2004-09/1446.html>

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**From:** William \ (Bill) Vaughn (*billvaRemoveThis\_at\_nwlink.com*)

**Date:** 09/24/04

Date: Fri, 24 Sep 2004 11:09:40 -0700

This is the SQL-DMO example I've been using for some time to illustrate restoring a database... It's in VB6, but perhaps you'll get this to work.

Public Function RestoreDatabase() As Boolean

' See article text re the need for the following TSQL command in some versions.

'ALTER DATABASE TestDB SET single\_user WITH ROLLBACK after 10  
On Error GoTo RDEH

' Ensure that there are no connections in the pool or elsewhere.  
ShutDownServer ' Stop server

' Restart the server... but in single-user mode

Set oSvr = New SQLDMO.SQLServer

oSvr.LoginTimeout = 30 ' Wait 30 seconds to complete start  
and open

oSvr.Start True, "(local)", "sa", strSAPw ' Start and connect to local  
server.

i = 0

Do

    Sleep 100

    i = i + 1 ' Only wait 500 x 100 ms (50 seconds)

Loop Until oSvr.Status = SQLDMOSvc\_Running Or i > 500

If i > 500 Then Err.Raise -8

oSvr.Databases(strDataBase, "DBO").DBOption.SingleUser = True

' Execute query through SQLDMO to run the restore TSQL command

strS = "RESTORE DATABASE TestDB FROM [" & strDataBase & " Backup Device]"

Debug.Print strS

oSvr.ExecuteImmediate strS

' Change the Database back to multi-user mode.

oSvr.Databases(strDataBase, "DBO").DBOption.SingleUser = False

' Close the SQLDMO Server object... we don't need it anymore.

oSvr.Close

Set oSvr = Nothing

RestoreDatabase = True

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"Mandy" <peisang2002@yahoo.com> wrote in message  
news:5289bbae.0409230714.678510d7@posting.google.com...  
> Hi Bill,  
>  
> Thanks for your reply! I tried to shut down the sql server, then start  
> the sql  
> server again. Unfortunately, it did not work. The following is the  
> code:  
>  
> //create an instance of a server class  
> SQLDMO.SQLServer srv = new SQLDMO.SQLServer();  
> //connect to the server  
> srv.Connect("local")\NetSDK", "sa", "abc");  
> try  
> {  
> srv.Shutdown(5000); // stop db server, wait for 2 seconds  
> }  
> catch (Exception e)  
> {  
> ; // do nothing  
> }  
>  
> Thread.Sleep(10000); // sleep 10 seconds  
> // restart server  
> srv.Start(true, "(local")\NetSDK", "sa", "abc");  
>  
> //create a restore class instance  
> SQLDMO.Restore restore = new SQLDMO.Restore();  
> restore.Action = 0; // full db restore  
> //set the database to the chosen database  
> restore.Database = "mydbfile";  
> restore.Files = Path.GetFullPath(@"..\..\backup\DBLPS.bak");  
>  
> SqlConnection conn = new SqlConnection("server=(local")\NetSDK;  
> uid=sa; password=abc; pooling=false");  
>  
> // Restore the database  
> restore.ReplaceDatabase = true;  
> restore.SQLRestore(srv);  
>  
> An exception is thrown at srv.Start with message:  
>  
> "An unhandled exception of type  
> 'System.Runtime.InteropServices.COMException' occurred in myapp.exe  
>  
> Additional information: [SQL-DMO]This server object is already  
> connected."  
>  
> I'd like to know what your approach is to use SQL DMO to stop and  
> restart the SQL server?  
>

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> Thanks a lot!
>
> Mandy
>
>
>
> "William \ (Bill\ ) Vaughn" <NoSpamAtAllBillva@nwlinc.com> wrote in message
> news:<eT35ZdRoEHA.3324@TK2MSFTNGP12.phx.gbl>...
>> I talk about this in my ADO workshop. One approach (that seems to work)
>> is
>> to use SQL
>> DMO to stop the server and restart in single-user mode. The problem with
>> the
>> pools is that they don't close the connections for 4-8 minutes (or so)
>> after
>> disconnect unless the application is ended. DMO forces the server to
>> disconnect and close. After that you can execute the restore from SQL
>> DMO.
>>
>> My next workshop is in Chicago in mid October--if there are still seats
>> left.
>>
>> --
>> _____
>> Bill Vaughn
>> www.betav.com
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>> rights.
>> _____
>> "Mandy" <peisang2002@yahoo.com> wrote in message
>> news:5289bbae.0409221333.1d31c9aa@posting.google.com...
>> > Hello,
>> >
>> > To resotre MSDE database, the connection pool must be disabled. I set
>> > pooling=false in the connection string, i.e.,
>> >
>> > SqlConnection conn = new SqlConnection("server=(local)\\NetSDK;
>> > database=mydb; uid=sa; password=abc; pooling=false;");
>> >
>> > It seems that the connection pool was not disabled. Here are the error
>> > messages I got:
>> >
>> > [Microsoft][ODBC SQL Server Driver][SQL Server]Exclusive access could
>> > not be obtained because the database is in use.
>> > [Microsoft][ODBC SQL Server Driver][SQL Server]RESTORE DATABASE is
>> > terminating abnormally.
>> >
>> > Any ideas? Are there any other ways to disable the connection pool?
>> >
>> > Any help would be appreciated!
>> >
>> > Mandy
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