

Re: Executing a SQL script on server

Source: <http://www.tech-archive.net/Archive/VB/microsoft.public.vb.database.ado/2006-01/msg00021.html>

- *From:* "Richard Mueller" <rlmueller-NOSPAM@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 5 Jan 2006 20:21:48 -0600
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David De Bono wrote:

> Hi,
>
> How can I using ADO send a SQL script to the server to be executed there ?
>
> Example script:
>
> USE [e-Lector]
>
> GO
>
> EXEC sp_addrolemember N'db_datareader', N'eanew'
>
> GO
>
> USE [e-Lector]
>
> GO
>
> EXEC sp_addrolemember N'db_datawriter', N'eanew'
>
> GO
>
> -----
>
> I have tride to send it via the Execute method, but it fails on "GO"
>

Hi,

An example VBScript program to execute a stored procedure:

=====

Option Explicit

```
Dim adoCommand  
Dim strConnect  
Dim strServer  
Dim strDatabase
```

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```
' Specify the SQL Server and Instance (if any).
' If the default instance, just specify the server name.
strServer = "MyServer\MyInstance"

' Specify the database.
strDatabase = "e-Lector"

' Connection string for SQL database.
strConnect = "DRIVER=SQL Server;Trusted_Connection=Yes;" _
& "DATABASE=" & strDatabase & ";" _
& "SERVER=" & strServer

' Open connection with an ADO Command object.
Set adoCommand = CreateObject("ADODB.Command")
adoCommand.ActiveConnection = strConnect

' Execute a system stored procedure.
adoCommand.CommandText = "EXEC sp_addrolemember N'db_datareader', N'eanew'"
adoCommand.Execute
```

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The tricky part is usually the connection string. Also, all SQL statements must be enclosed in quotes. The GO is not used. I generally run such scripts at a command prompt with the cscript host. The script can be run from any machine with connectivity to the SQL Server. Of course, the above assumes Windows Authentication and that you have sufficient privileges. If you use SQL Logins, the connection string needs credentials. I'd have to lookup how to specify userID and password.

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- *References:*
 - ◆ *Executing a SQL script on server*
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