

Re: ExecuteReader requires an open and available Connection.

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*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2006-09/msg01478.html>

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- *From:* Mike <Mike@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
  - *Date:* Tue, 12 Sep 2006 11:33:03 -0700
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Marina, is there a way to do this and leave the code in a class so we don't have to write the same code over and over again?

—

Mike Hollibaugh

"Marina Levit [MVP]" wrote:

The problem is you are using a Shared SqlConnection. What this means is that you have ALL your users sharing one connection. However, you are not synchronizing access to the connection – and multiple users are trying to use it at once – causing errors.

What you are doing is the the number one no–no when it comes to writing web based applications that access the database. You do not under any circumstances create one connection to be used by all users. If you do, you need to synchronize access to it – but that is going to mean atrocious performance for your app.

Make sure each user has their own connection. Open it when you need to get data, get all your data, then close it.

"Mike" <Mike@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:AF29F07E-D5F8-442E-8082-09A0DB01C218@xxxxxxxxxxxxxxxxxxxx>

It is under the app\_code directory in a class. Here is the complete code:

```
Option Strict Off
Option Explicit On
Imports System.Data
Imports System.Data.SqlClient
Imports System.Runtime.InteropServices
Namespace NarrowcastChart
Public Class clsNCIncludes
Public Shared HeaderBackColor As Color = Color.FromArgb(170, 170, 170)
```

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```
Public Shared HeaderForeColor As Color = Color.White
Public Shared AltItemBackColor As Color = Color.White
Public Shared AltItemForeColor As Color = Color.FromArgb(0, 51,
102)
Public Shared ItemBackColor As Color = Color.FromArgb(204, 221,
237)
Public Shared ItemForeColor As Color = Color.FromArgb(0, 51, 102)
Public Shared Traffic_Conn As New SqlConnection
Public Shared NC_Conn As New SqlConnection
'
'Get BFI Server Name from Registry
'
Public Shared Function GetServer() As String
Dim theServer As String
theServer = GetSetting("WebDlls", "Config", "Server", "")
If (theServer = "") Then
SaveSetting("WebDlls", "Config", "Server", "GrayMatter")
theServer = GetSetting("WebDlls", "Config", "Server", "")
End If
GetServer = theServer
End Function
'
'Get Narrowcast Server Name from Registry
'
Public Shared Function GetNCServer() As String
Dim theServer As String
theServer = GetSetting("WebDlls", "Config", "NCServer", "")
If (theServer = "") Then
SaveSetting("WebDlls", "Config", "NCServer", "Lenny")
theServer = GetSetting("WebDlls", "Config", "NCServer", "")
End If
GetNCServer = theServer
End Function
Public Shared Sub OpenConn()
Dim ConnString As String
ConnString = "Integrated security=False;Pooling=False" & _
";Persist Security Info=False" & _
";User ID=sa" & _
";Initial Catalog=Traffic" & _
";Data Source=" & GetServer()
If Not IsNothing(Traffic_Conn) Then
If (Traffic_Conn.State = ConnectionState.Open) Then
Traffic_Conn.Close()
End If
End If
Traffic_Conn = New SqlConnection(ConnString)
Traffic_Conn.Open()
End Sub
Public Shared Sub OpenNCConn()
Dim ConnString As String
ConnString = "Integrated security=False;Pooling=False" & _
```

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```
";Persist Security Info=False;" & _
"User ID=NCServices;" & _
"Password=narrowcast;" & _
"Connect Timeout=60;" & _
"Initial Catalog=TFT;" & _
"Data Source=" & GetNCServer()
If Not IsNothing(NC_Conn) Then
If (NC_Conn.State = ConnectionState.Open) Then
NC_Conn.Close()
End If
End If
NC_Conn = New SqlConnection(ConnString)
NC_Conn.Open()
End Sub
End Class
End Namespace
--
Mike Hollibaugh
```

"Marina Levit [MVP]" wrote:

What is NC\_Conn, where and how is it declared? You omitted the most important part.

Also, I am not clear why you are calling GC.Collect. Leave well enough alone, and let the GC run when it needs to.

"Mike" <Mike@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message [news:7035CE14-4FD0-4F2B-9E33-965512EB886B@xxxxxxxxxxxxxxxxxxxx](mailto:news:7035CE14-4FD0-4F2B-9E33-965512EB886B@xxxxxxxxxxxxxxxxxxxx)

We are intermitantly receiving this error on our website. ExecuteReader requires an open and available Connection. The connection's current state is connecting. Following is the code from the Load event of the aspx page. The last line is where the error occurs. Does anyone have any ideas what is causing this?

```
Private Sub Page_Load(ByVal sender As
System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
```

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```
Dim MyDA As New SqlDataAdapter
Dim MyDT As New DataTable
```

```
OpenNCConn()
MyDA = New SqlDataAdapter
MyDT = New DataTable
MyDA.SelectCommand = New
SqlCommand("Select ELMAcctEmail from
TFT.dbo.TFTELMConfig NOLOCK where
Acct_Nbr = " & _
Session("Acct_Nbr") & "'", NC_Conn)
MyDA.Fill(MyDT)
If (MyDT.Rows.Count > 0) Then
Session("hasELM") = True
If Not IsBlank(MyDT.Rows(0).Item(0))
Then
Session("ELMAcctEmail") =
Trim(MyDT.Rows(0).Item(0))
Else
Session("ELMAcctEmail") = ""
End If
Else
Session("hasELM") = False
End If
NC_Conn.Close()
```

```
OpenNCConn()
MyDA = Nothing
MyDT = Nothing
GC.Collect()
MyDA = New SqlDataAdapter
MyDT = New DataTable
MyDA.SelectCommand = New
SqlCommand("Select
HoldCalls,DBMonthlyFee,CallStatusMenu,BusyNAMessage,PlayResMenu,"
& _
"PlayAcctResMenu,RecordAll,Allow_Markets,Reverse,BFIAfterHours,DBExtendedD
from TFT.dbo.TFTAcctCfg NOLOCK
where Acct_Nbr = " & _
Session("Acct_Nbr") & "'", NC_Conn)
MyDA.SelectCommand.CommandTimeout
= 0
MyDA.Fill(MyDT)
```

```
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Mike Hollibaugh
```

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