

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/msg01503.html>

- *From:* Mike <Mike@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 12 Sep 2006 13:52:01 -0700
-

Thanks for your responses Marina. I will remove the sharred items and see how that works.

—

Mike Hollibaugh

"Marina Levit [MVP]" wrote:

What I described has nothing to do with not having the code in a class. In fact, in .NET all code is in a class.

Not making something shared has nothing to do with how you architect your application. Your application should still be architected such that either via inheritance or composition, database access code is encapsulated in one area.

But again, this has absolutely nothing to do with whether or not a variable is declared as Shared, I'm not even sure what you are asking.

"Mike" <Mike@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:81105769-0A21-40B6-938B-D5D49B6ABA9F@xxxxxxxxxxxxxxxxxxxx>

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,

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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@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> 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.Marshal
Namespace NarrowcastChart
Public Class clsNCIncludes
Public Shared HeaderBackColor As Color =
Color.FromArgb(170,
170,
170)
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,
```

Re: ExecuteReader requires an open and available Connection.

```
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
```

Re: ExecuteReader requires an open and available Connection.

```
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" & _
";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>

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wrote in message

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

Re: ExecuteReader requires an open and available Connection.

```
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
```

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```
MyDT =  
New  
DataTable  
MyDA.SelectCommand  
= New  
SqlCommand("Select  
HoldCalls,DBMonthlyFee,CallStatusMenu,BusyNAMessage,PlayRes  
&  
-  
"PlayAcctResMenu,RecordAll,Allow_Markets,Reverse,BFIAfterHou  
from  
TFT.dbo.TFTAcctCfg  
NOLOCK  
where  
Acct_Nbr =  
" & _  
Session("Acct_Nbr")  
& """,  
NC_Conn)  
MyDA.SelectCommand.CommandTimeout  
= 0  
MyDA.Fill(MyDT)  
  
--  
Mike  
Hollibaugh
```