

Re: Can i pass a SqlConnection object with opened connection to a method/function as a parameter?

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From: Richard Blewett [DevelopMentor] (richardb_at_develop.com)

Date: 10/02/04

To: microsoft.public.dotnet.framework

Date: Sat, 02 Oct 2004 12:01:35 -0700

What line of code generates the exception? I'm guessing its the cast to short from the ExecuteScalar

Regards

Richard Blewett – DevelopMentor

<http://staff.develop.com/richardb/weblog>

<http://news.microsoft.com/microsoft.public.dotnet.framework/>>

those static methods like GetLoginUser, DataTools.EscapeMask are just for string editing, and do not relate to the sql objects

and i have tried your methods, but still get the same error, why? how to solve?

```
"Richard Blewett [DevelopMentor]" <richardb@develop.com> ?b?l??
news:unHJx%23HqEHA.2484@TK2MSFTNGP09.phx.gbl ?????g...
> Ummm OK, and which line throws the invalid cast exception?
>
> Why do you thing this is to do with the SqlConnection? It could be in
GetLoginUser, DataTools.EscapeMask or that the stored procedure doesn't
return a short as you have coded. What type doe the stored procedure return?
>
> I have to warn you that this isn't a great way to do data access. For a
start the database is actually going to execute
>
> sp_executeSql(EXEC checkpermission ...)
>
> So you should do
> SqlCommand objcmd = new SqlCommand("[checkpermission]");
```

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```
> objcmd.CommandType = CommandType.StoredProcedure;
>
> The add the parameters via the parameters collection as you also have the
possibility of a SQL injection attack by using string concatenation
(although luckily your strings don't appear based on, at least directly,
user input).
>
> Regards
>
> Richard Blewett – DevelopMentor
> http://staff.develop.com/richardb/weblog
>
>
> http://news.microsoft.com/microsoft.public.dotnet.framework/>
>
> This is my assembly object's method:
>
>
> public static bool CheckPermission(SqlConnection objconn, string
> permissionitem, string itemname, string loginuser)
> {
> SqlCommand objcmd = new SqlCommand("EXEC [checkpermission]
> @permissionitem = '" + DataTools.EscapeMask(permissionitem) + "',
> @itemname
> = '" + DataTools.EscapeMask(itemname) + "', @loginacc = '" +
> DataTools.EscapeMask(GetLoginUser(loginuser, LoginAccount)) + "',
> @logincus
> = '" + DataTools.EscapeMask(GetLoginUser(loginuser, LoginCustomer)) +
> ''''
> (SqlConnection)objconn);
> short intresult = (short)objcmd.ExecuteScalar();
> bool checkresult;
>
> if(intresult > 0)
> {
> checkresult = true;
> }
> else
> {
> checkresult = false;
> }
>
> objcmd.Dispose();
>
> return checkresult;
> }
>
>
> This is my code of ASP.NET page which using the method:
>
>
>
```

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> SqlConnection objconn = new
> SqlConnection(ConfigurationSettings.AppSettings["connstr_webhosting"]);
> objconn.Open();
>
> bool permitted = (bool)CPanel.CheckPermission(objconn, "systeminfo",
> "yes", User.Identity.Name);
>
>
> How to solve it?
>
>
>
> "Richard Blewett [DevelopMentor]" <richardb@develop.com> ?b?l??
> news:uiz4%23tFqEHA.2900@TK2MSFTNGP12.phx.gbl ?????g...
>> This should be fine, can you show us the code of how you pass the
> connection and what you do with it when you get it
>>
>> Regards
>>
>> Richard Blewett – DevelopMentor
>> http://staff.develop.com/richardb/weblog
>>
>>
>>
>> nntp://news.microsoft.com/microsoft.public.dotnet.framework/>
>>
>> Can i pass a SqlConnection object with opened connection to a
>> method/function as a parameter?
>>
>> For example, i need a method to process something from ASP.NET by a
>> .NET
>> assembly, but i don't want to connect a new connection anymore and just
> use
>> the existed opened sqlconnection object to do it and pass the object to
> the
>> method.
>>
>> that is a static method.
>> but iis told me an exception error that is System.InvalidCastException
>>
>>
>> why?
>> and how to solved?
>> or how to do it?
>>
>>
>>
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>>

> > [microsoft.public.dotnet.framework]

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