

Re: how to catch custom errors raised in SP gracefully?

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.adonet/2004-07/0951.html>

From: Mary Chipman (*mchip_at_online.microsoft.com*)

Date: 07/14/04

Date: Wed, 14 Jul 2004 09:03:04 -0400

Failure to return a result set isn't considered an error (or InfoMessage) by the server. If you have client-side errors, then the call never got to the server. Open a Profiler trace to see exactly what is being passed back and forth between your app and SQLS.

—Mary

On Tue, 13 Jul 2004 14:42:44 -0500, "Bob" <bobatkpmg@yahoo.com> wrote:

>Hi Mary:

>

>I think this fits my need the best. However, I can't get the event handler
>to throw a new exception, nothing happens. But if I put in
>Console.WriteLine, or HttpResponse.Write(), the error message from the event
>argument can be printed out. Do you know why? Here's my code snippet:

>

```
> private static void OnInfoMessage(object sender, SqlInfoMessageEventArgs  
>e) {  
> System.Web.HttpContext.Current.Response.Write(e.Message + e.Source +  
>e.Errors.Count.ToString() + "Bob");  
> throw new Exception("Blah"); //This doesn't throw an exception.  
> }
```

>

>And in my function that actually does the call to the DB, I have this:

>

```
>.....  
> liveCmd.Connection.InfoMessage += new  
>SqlInfoMessageEventHandler(OnInfoMessage);  
> DataSet ds = DataHelper.ExecuteSelectQuery(liveCmd, string.Empty);  
>.....
```

>

>

>"Mary Chipman" <mchip@online.microsoft.com> wrote in message
>news:s888f0d6njdhdkl5k39qvg20j3qessu4ub@4ax.com...

microsoft.public.dotnet.framework.adonet: Re: how to catch custom errors raised in SP gracefully?

>> *One way to handle it is to use output parameters instead of RAISERROR*
>> *to handle both server and user-defined errors. Raising exceptions is*
>> *always expensive, and coding your stored procedures to minimize*
>> *sending error messages back and forth across the wire is a good idea.*
>> *Anything that can be handled on the server should be, and the client*
>> *should get back a clear success/failure message for every operation*
>> *performed so that it can branch accordingly.*
>>
>> *--Mary*
>>
>> *On Tue, 13 Jul 2004 12:44:21 -0500, "Bob" <bobatkpmg@yahoo.com>*
>> *wrote:*
>>
>> *>In my stored procedure, I raise an error using RAISERROR. Seems it just*
>> *>comes out to the .NET code as a SqlException. Is there a way to*
>> *>differentiate my custom error from the raw SqlExceptions (like table is*
>> *>missing, FK violation etc), because if I purposely raise an error, I sure*
>> *>want to handle it differently.*
>> >
>> >Thanks
>> >Bob
>> >
>>
>