

Re: How to retrieve stored procedure error code in C#?

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.adonet/2005-08/msg00697.html>

- *From:* "William \ (Bill) Vaughn" <billvaRemoveThis@xxxxxxxxxxx>
 - *Date:* Mon, 15 Aug 2005 14:00:32 -0700
-

Sure, add another parameter "@Fred" as
@Fred int OUTPUT
In your SP code, add
SET @Fred = <whatever>

In your application add another Parameter to the Parameters collection and set the Direction to Output. After the DataReader is closed, @Fred will be populated with the answer.

hth

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"David Carr" <David_Carr@xxxxxxxxxxxxxxxxxxxx> wrote in message
news:%23Mr9CgdoFHA.2484@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

> Thx for the reply Mark.

>

> To better clarify things for all, my SQL stored proc is given below and
> returns a -2 if there is are duplicate records, otherwise 0. I now want

> to

> retrieve this value through my C# code. Any ideas on the most simple and
> elegant way to achieve this?

>

> Thanks,

> David

>

> CREATE PROCEDURE dbo.PersonGet

> @IDDistributor int,

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```
> @sUsername nvarchar(50),
> AS
>
> DECLARE @nCount int;
> SELECT @nCount = Count(*)
> FROM Person
> WHERE (IDDistributor = @IDDistributor) AND (Username = @sUsername)
>
> -- Should be unique, otherwise return -2 to indicate this.
> IF (@nCount > 1)
> BEGIN
> -- Clear the returned set
> SELECT NULL AS ID;
> RETURN -2;
> END
>
> -- Otherwise, go ahead and perform the query again to return the result
> set
> -- CODE OMITTED
>
> RETURN 0;
> GO
>
>
>
> "Mark Ashton" <markash@xxxxxxxxxxxxxxxxxxxx> wrote in message
> news:OTCUYw5nFHA.860@xxxxxxxxxxxxxxxxxxxx
>> By generating error codes, do you mean with the RAISEERROR or PRINT
>> statement?
>> You can listen to those with the SqlConnection.InfoMessage event.
>>
>> SqlConnection connection = new SqlConnection(connectionstring);
>> connection.InfoMessage += new SqlInfoMessageEventHandler(InfoMessage);
>> connection.Open();
>>
>> private static void InfoMessage(object sender, SqlInfoMessageEventArgs
> args)
>> {
>> foreach(SqlError arg in args.Errors) {
>> Response.Write("Number={0}, Message={1}", arg.Number,
>> arg.Message);
>> }
>> }
>>
>> --
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> rights.
>> Please do not send email directly to this alias. This alias is for
> newsgroup
>> purposes only.
>> "David Carr" <David_Carr@xxxxxxxxxxxxxxxx> wrote in message
```

Re: How to retrieve stored procedure error code in C#?

>> news:%2379YZI5nFHA.3304@xxxxxxxxxxxxxxxxxxxxxxxxxxxx
>>> Hi there,
>>>
>>> My SQL server 2000 stored procedures are generating different error
> codes.
>>> I am able to view these error codes when I run the stored proc in Query
>>> Analyzer. I am hoping to be able to obtain in my C# web service.
>>> Specifically, I am using SqlCommand and SqlDataReader objects for
>>> executing
>>> the stored procedure.
>>>
>>> Is there a simply mechanism/method to call to obtain the return code?
>>> I
>>> have seen some mention of the stored procedure having to stuff it into
>>> a
>>> parameter – I am hoping that I don't have to modify each of my stored
>>> procs
>>> to do that.
>>>
>>> Thanks in advance,
>>> David
>>>
>>>
>>
>>
>
>

• **References:**

- ◆ [How to retrieve stored procedure error code in C#?](#)
 ◇ From: David Carr
- ◆ [Re: How to retrieve stored procedure error code in C#?](#)
 ◇ From: Mark Ashton
- ◆ [Re: How to retrieve stored procedure error code in C#?](#)
 ◇ From: David Carr

- Prev by Date: [Re: How to retrieve stored procedure error code in C#?](#)
- Next by Date: [Re: Reading BLOB data from SQL using a datareader](#)
- Previous by thread: [Re: How to retrieve stored procedure error code in C#?](#)
- Next by thread: [Re: How to retrieve stored procedure error code in C#?](#)
- Index(es):
 - ◆ [Date](#)
 - ◆ [Thread](#)