

Re: how to retrieve [RecordsAffected] count from cmd.Excecute in V

Source: <http://www.tech-archive.net/Archive/Data/microsoft.public.data.ado/2006-04/msg00060.html>

- *From:* "Daniel Crichton" <msnews@xxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 25 Apr 2006 17:03:18 +0100
-

I dug out my old code, and found the reason it doesn't work for you – you need to set the options on the command object

```
cmd.Excecute j, , adExecuteNoRecords
```

This tells ADO that no records are being returned, so it stores the count of affected records in the RecordsAffected value.

Dan

Rich wrote on Tue, 25 Apr 2006 08:19:03 -0700:

Thanks. My problem is that my brain is just not engaging. The reason I made the original j a variant was because Longs and Integers by default are 0. A variant by default is Null. So I am not sure if 0 is real or not. May I request if you could show me a sample Sp that just does a simple insert from tbl1 to tbl2 and the related ADO code to invoke the SP and returns the RecordsAffected count (or at least returns a count for you)? Here is what I have tried that does not return the "RecordsAffected" count:

```
-----  
Create Proc stp_test1  
As  
Insert Into tbl2(fld1, fld2, fld3)  
Selet fld1, fld2, fld3 From tbl1  
Go  
-----
```

And here is the related ADO code to invoke the Proc and get the "Records Affected" count -- which the proc gets invoked but I am not getting a "Records Affected" Count. Note: the proc above does not have "Set Nocount On"

```
Dim cmd As New ADODB.Command, j As Long  
cmd.ActiveConnection = CurrentProject.Connection  
cmd.ActiveConnection.CursorLocation = adUseClient '--I have also tried  
adUseServe
```

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```
cmd.CommandType = adCmdStoredProc
cmd.CommandText = "stp_test1"
cmd.Execute(j)
Debug.Print j '--prints 0 and I have 10 records inserted into tbl2
```

Is there anything I could rearrange in the code for the proc or the ADO code?

"Daniel Crichton" wrote:

ADO should handle getting the value back for you into the variable. Did you try declaring it as a Long instead of Variant?

Are you doing a SET NOCOUNT ON anywhere in the connection before running this proc?

The only other thing I can think of is that the proc is confusing ADO by returning a recordset. As you don't need this (you're using .Execute without assigning the result to a Recordset object) try removing the SELECT statement in your proc. I don't use SELECTs in my non-recordset returning procs where I use RecordsAffected – as I never do anything with the returned data, there's no point in returning it and wasting resources.

Dan

Rich wrote on Mon, 24 Apr 2006 13:47:01 -0700:

The SP is real basic

```
-----
Create Proc stp_test1
As
Insert Into tbl1(fld1, fld2, fld3)
Select fld1, fld2, fld3 from tbl2
```

Go

```
-----
Is there some @@ object I need to use get the
recordsAffected count?
```

"Daniel Crichton" wrote:

Rich wrote on Thu, 20 Apr 2006 13:59:01
-0700:

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```
Dim cmd As New  
ADODB.Command, j As  
variant  
...  
cmd.ActiveConnection.CursorLocation  
= adUseClient  
cmd.CommandType =  
adCmdStoredProc  
cmd.CommandText =  
"stp_Proc1"  
'--Proc1 inserts rows into a  
table, for example  
cmd.Excecute(j)  
'--[RecordsAffected]  
Debug.Print j
```

j is always null. In Query Analyzer the message tab will say "29 records affected" when I execute the SP. How can I retrieve that count from cmd.Excecute in my VB app? If I use an ADODB recordset Object I have to use

```
cmd.ActiveConnection.CursorLocation  
= adUseClient
```

to get a value from RS.RecordCount other than 0. I tried cmd.ActiveConnection.CursorLocation = adUseClient and adUseServer for the RecordsAffected count, but neither returned a value for RecordsAffected. Any suggestions appreciated.

MSDN defines RecordsAffected as being a Long, so first thing I'd do is change the variable definition in case that is causing a problem.

What is the code in stp_Proc1? I've used the RecordsAffected value many times to determine if my proc does anything

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and so far I've never seen
it return null, always a 0 or a number.

Dan