

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/msg00065.html>

- *From:* Rich <Rich@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 25 Apr 2006 11:46:02 -0700
-

Success! that was it! I am so happy now! Finally, I can stop using output vars and reduce the complexity of my SPs, etc. Thanks very much for your help!

Rich

"Daniel Crichton" wrote:

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.Execute 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

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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
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)
```

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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:

```
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

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retrieve that
count from
cmd.Execute
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 and so
far I've never seen

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it return null, always a 0 or a
number.

Dan