

## Re: IDENTITY\_INSERT error

**Source:** <http://www.tech-archive.net/Archive/Data/microsoft.public.data.ado/2004-10/0151.html>

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**From:** Ted W9999 ([TedW9999\\_at\\_discussions.microsoft.com](mailto:TedW9999_at_discussions.microsoft.com))

**Date:** 10/08/04

Date: Fri, 8 Oct 2004 09:27:07 -0700

That seems to have done it! Thank you.

It's strange that the code has been working for years and then quit. Also, the definition of the same "session" doesn't seem to fit; it IS definitely the same connection, just a different ADODB.Command. Apparently it now has to be the same ADODB.Command, whereas previously it did not.

Anyway, thanks again!

"Val Mazur" wrote:

```
> Hi,
>
> Session means same opened connection. If you do not close connection
> somewhere in between the calls, then it should work. But it is possible that
> your command opens another connection and you could check it using SQL
> Profiler. What you could do is (if you are using OLEDB Provider for SQL
> Server) is to execute both statement in one batch separating them by
> semicolon (;)
>
> cmd.CommandText = "SET IDENTITY_INSERT Surveys ON; INSERT INTO SURVEYS
> (SurveyID,InsuredRef,Location,Sequence) VALUES (?, ?, ?, ?)"
> cmd.parameters(0) = 123
> cmd.parameters(1) = 'abc'
> .....
>
> --
> Val Mazur
> Microsoft MVP
>
>
> "Ted W9999" <Ted.W9999@discussions.microsoft.com> wrote in message
> news:3CABCFDD-82BC-4BAE-89DA-B2E1BAA51609@microsoft.com...
>> I've had an application in production for years, and after making minor
>> changes it is getting errors at my client site and now here. The error is
>> "Cannot insert explicit value for identity column in table 'Surveys' when
>> IDENTITY_INSERT is set to OFF."
```

> > Here is part of the table:  
> > CREATE TABLE [Surveys] (  
> > [SurveyID] [int] IDENTITY (1, 1) NOT NULL ,  
> > [InsuredRef] [varchar] (8) NULL ,  
> > [Location] [smallint] NULL ,  
> > [Sequence] [smallint] NULL  
> > ) ON [PRIMARY]  
> >  
> > I am working in VB6 using ADO. I need to insert a record overriding the  
> > identity column. Here is the essential paraphrased bits of the code:  
> >  
> > '----- set identity\_insert on  
> > Set cmd = New ADODB.Command  
> > Set cmd.ActiveConnection = adoCon  
> > cmd.CommandText = "SET IDENTITY\_INSERT Surveys ON"  
> > On Error Resume Next  
> > cmd.Execute  
> > If Err.Number <> 0 Then  
> > MsgBox "Error on line 'SET IDENTITY\_INSERT Surveys ON'. Please  
> > contact Technical Support." & vbCrLf & Err.Number & " " & Err.Description,  
> > vbOKOnly Or vbCritical, "Error!"  
> > End If  
> > On Error GoTo ErrHandler  
> > Set cmd = Nothing  
> > DoEvents 'give it a chance to sink in  
> >  
> > That part works okay. Here is where I get the error:  
> >  
> > Set cmd = New ADODB.Command  
> > Set cmd.ActiveConnection = adoCon  
> > cmd.CommandText = "INSERT INTO SURVEYS  
> > (SurveyID,InsuredRef,Location,Sequence) VALUES (?, ?, ?, ?)  
> > cmd.parameters(0) = 123  
> > cmd.parameters(1) = 'abc'  
> > cmd.parameters(2) = 1  
> > cmd.parameters(3) = 2  
> > cmd.Execute  
> > Set cmd = Nothing  
> >  
> > Now, I've read that you have to have the IDENTITY\_INSERT statement in the  
> > same "session" as the insert statement. I don't know what the definition  
> > of  
> > "session" is, but we are using the same connection on sequential  
> > statements.  
> > I tried combining the statements separated by a space or vbCrLf as I've  
> > seen  
> > on other sites, but get an error due to the parameters (no way to get  
> > around  
> > those). This is the only IDENTITY\_INSERT column anywhere in my tables and  
> > the  
> > only spot in the code where the IDENTITY\_INSERT is changed. No other apps

> > *are*  
> > *messing with it either.*  
> >  
> > *How can this be done in ADO?*  
> > *Has something recently changed in MSDE that broke this (as I said it's*  
> > *been*  
> > *working until a few days ago)?*  
> > *Does IDENTITY\_INSERT need to be set OFF or is it done implicitly?*  
> >  
> > *Thanks in advance!*  
> >  
> >  
>  
>  
>