

Re: How To Return Record Number From AddNew

Source: <http://www.tech-archive.net/Archive/Data/microsoft.public.data.ado/2007-08/msg00067.html>

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 - *Date:* Mon, 27 Aug 2007 06:59:49 -0400
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Jeff Gaines wrote:

I am sure I used to know how to do this but I can't find it in my notes :-(
After adding a record to an Access Database (programmatically using C#) I need to know the record number. The code snippet is:

```
adCON.Open(strConnection, "", "", 0);  
adRS.Open(strQuery, adCON, ADODB.CursorTypeEnum.adOpenKeyset,  
ADODB.LockTypeEnum.adLockOptimistic, 0);
```

```
if (adRS.EOF)  
adRS.AddNew(fList, fValues);  
else  
adRS.Update(fList, fValues);
```

Is it possible to know what record number has been allocated by the Autonumber field? I know it before I call the function when updating a record but it is freshly allocated by Access for AddNew.

With a "server-side" keyset cursor, the autonumber field should contain the newly allocated value after the update resulting from the AddNew occurs. If it isn't, try

1. issuing an explicit call to the recordset's Update method
2. Using a client-side cursor and issuing a call to the recordset's Requery method after performing the AddNew

My personal recommendation: don't use a recordset for data maintenance. Instead, use SQL DML (INSERT, UPDATE and DELETE) statements, wither encapsulated in saved parameter queries (stored procedures) or parameterized with parameter markers. This will allow you to execute the SELECT @@identity statement to retrieve the new autonumber.

See these links for more information:

<http://databases.aspfaq.com/general/how-do-i-get-the-identity/autonumber-value-for-the-row-i-inserted.html>
<http://support.microsoft.com/default.aspx/kb/221931>

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Microsoft MVP – ASP/ASP.NET

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