

Re: SqlCommandBuilder – not setting my identity column

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<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.adonet/2006-08/msg00827.html>

- *From:* "William \ (Bill) Vaughn" <billvaRemoveThis@xxxxxxxxxxx>
 - *Date:* Sun, 20 Aug 2006 21:12:34 -0700
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See my blog for a reply.

http://betav.com/blog/billva/2006/08/question_of_the_day_commandbui.html

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William (Bill) Vaughn
Author, Mentor, Consultant
Microsoft MVP
INETA Speaker
www.betav.com/blog/billva
www.betav.com

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<rtennys@xxxxxxxxxxx> wrote in message

news:1155874502.508732.117540@xx

I ran into a problem when I tried to use SqlCommandBuilder to generate my insert statement. The problem was the identity column wasn't being set when I called Update. It was set correctly in the database, it just wasn't updating my inserted DataRow. This caused issues when I went to add rows in other tables that keyed off the one I just inserted because I didn't have the primary key.

Long story short... I searched high and low and was finally able to piece it together between what I found in these newsgroups and the MSDN documentation. I thought I'd share how simple it ended up being because I saw some crazy work-arounds in all my searching.

There were two key things that I kept missing somehow. 1. calling RefreshSchema to clear the command builders handy work and then resetting the insert command with my mods to the originally generated one. 2. setting UpdatedRowSource to FirstReturnedRecord. It ended up being so simple... sheesh! The hours I spent searching.

I hope someone else gets some value out of this.

Re: SqlCommandBuilder – not setting my identity column

Rob

```
// Set up
_tblMain = new DataTable(TBL_PENDING_MAIN);
_cmdBuilderMain = new SqlCommandBuilder(
new SqlDataAdapter("SELECT * FROM " + TBL_PENDING_MAIN, _conn));
_cmdBuilderMain.DataAdapter.FillSchema(_tblMain, SchemaType.Mapped);

// Later after adding a row to the table...

// take care of the pesky bug in the command builder
// (doesn't get the identity column)
SqlCommand cmd = _cmdBuilderMain.GetInsertCommand(true);
_cmdBuilderMain.RefreshSchema(); // Clears the generated commands
cmd.CommandText += "; SELECT SCOPE_IDENTITY() AS PIF_ID;";
cmd.UpdatedRowSource = UpdateRowSource.FirstReturnedRecord;
_cmdBuilderMain.DataAdapter.InsertCommand = cmd;
_cmdBuilderMain.DataAdapter.Update(_tblMain);

// now _tblMain.Rows[0]["PIF_ID"] is correctly set!!
```