

Re: Getting Autoincrement ID in ADO.NET

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.adonet/2005-09/msg00558.html>

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 - *Date:* Mon, 12 Sep 2005 10:02:04 -0700
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One of the principle complaints about ADO classic was how it generated DML action commands at runtime. While this approach worked for several simple situations, it fell apart quickly when you stepped over the line. While ADOc gave you several options to determine how concurrency checks were made, developers found that they could not use the Update method because of other limitations.

ADO.NET on the other hand is totally agnostic of how you have built your tables and relationships or how you want to perform concurrency checks. This means that all of the code auto-generated by ADOc has to be either coded by hand in ADO.NET at design time or you have to depend on the CommandBuilder which has fewer options than ADOc. Many developers eventually migrate to creating the DML UpdateCommand, InsertCommand and DeleteCommand SQL on their own.

In your example, you'll need to tell ADO.NET that the column in question is autoincrementing unless you populated the schema from a database table that already has this attribute set. When the new row is created, ADO.NET supplies a value. However, post Update, you're right, you need to fetch the current value from the server (or DBMS like JET). Each DBMS has it's own technique—I discuss these in my article on "Managing an @@Identity Crisis" (see http://www.betav.com/msdn_magazine.htm).

My book "ADO.NET and ADO Examples and Best Practices" discusses these issues in detail.

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<tascienu@xxxxxxxxxxxx> wrote in message
news:1126451832.964285.59150@xx

> But really no one has answered my question as far. I am moving to
> ADO.NET from ADO. And i just want to do the