

Re: Dynamic SQL generation is not supported against a SelectCommand that does not return any base table information

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- *From:* "William \ (Bill) Vaughn" <[billvaRemoveThis@xxxxxxxxxxx](mailto:billvaRemoveThis@xxxxxxxxxxx)>
  - *Date:* Sat, 4 Mar 2006 09:34:31 -0800
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Setting the SelectCommand is not enough. ADO.NET has to execute a query on the server to return a set of resultsets that are used to generate the CB UpdateCommand etc. These are not generated immediately—only when referenced. You do not have to use the GetInsertCommand or any of those methods to use the generated code. When you execute Update (for the first time) the generated code is built and used INSTEAD OF the DataAdapter UpdateCommand etc. See my article on the CommandBuilder and why it should be avoided.

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

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"Gancy" <[ganeshtiwari@xxxxxxxxxxx](mailto:ganeshtiwari@xxxxxxxxxxx)> wrote in message  
[news:1141475222.461553.267530@xx](mailto:news:1141475222.461553.267530@xx)

Hi,

I have data access tier designed in such a way, just by changing application settings, same lines of code is made to work with both MS SQL Server or MS Access. Code works fine with MS SQL Server. however while executing following code lines on MS Access

```
ds = new DataSet();  
oAdapter.SelectCommand.CommandText = this.SelectCommand;  
oAdapter.SelectCommand.Connection = oConn;
```

```
if (idbType == (int) ApplicationConstants.DBType.SQLServer)  
{
```

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```
oAdapter.DeleteCommand = sqlCommandBuilder.GetDeleteCommand();
oAdapter.InsertCommand =
sqlCommandBuilder.GetInsertCommand();
oAdapter.UpdateCommand =
sqlCommandBuilder.GetUpdateCommand();
}
else if (idbType == (int) ApplicationConstants.DBType.Access)
{
oAdapter.DeleteCommand =
oleCommandBuilder.GetDeleteCommand();
oAdapter.InsertCommand =
oleCommandBuilder.GetInsertCommand();
oAdapter.UpdateCommand =
oleCommandBuilder.GetUpdateCommand();
}

return oAdapter.Fill(ds);
```

It throws out the following error

```
System.InvalidOperationException was unhandled
Message="Dynamic SQL generation is not supported against a
SelectCommand that does not return any base table information."
```

But i have defined primary keys on all tables in Access databasel, just like what i have in MS Sql database. Just to avoid this error i can not use explicit Insert, Delete or Update command for Adapter as the same lines of code (above) has to work with 15 diff tables.

Any suggestions to this?

Thanks & Regards  
Ganesh

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