

A couple of questions about updating data through a dataset

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<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.adonet/2005-06/msg00885.html>

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I have been using .NET for three years. We are currently using VS .NET 2003 and SQL Server 2000. Whenever I have needed to update data I normally created a SqlCommand object, assigned it the appropriate string (depending upon whether it is a stored procedure or not) and executed it. However, now I would like to use the SqlDataAdapter's UpdateCommand and Update() method.

However, I am running into problems, which I think I can break down into two questions. The first is, how do I assign values to the dataset which I want to be updated? For example, if I have something like this:

```
DataRow r = DataTable.Rows[0];
```

and the row has a column named FirstName, can I do this:

```
r["FirstName"] = "Rod";
```

or do I have to do something like this first:

```
r.BeginEdit();  
r["FirstName"] = "Rod";
```

And if I do have to use the BeginEdit() method, do I also have to issue the EndEdit() method? Or will that basically clear the row's Current view and reassign that to the Original view?

I know that the DataRow's SourceVersion will come into play, but I am not sure how.

Second question: What DOES the Update() method of the SqlDataAdapter really work on? For example, after struggling with this for half the day I finally got rid of the error message I was getting saying,

```
"Procedure 'spMyProc' expects parameter '@FirstName', which was not supplied"
```

to go away, but now when I assign a value to the DataRow's FirstName column, then I would have expected that to actually be saved to the database when I

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issued the SqlDataAdapter's Update() method. Instead, it just quietly goes about its business and nothing at all is saved/updated. So, what I am doing wrong now?

Rod

- *Follow-Ups:*

- ◆ *Re: A couple of questions about updating data through a dataset*

- ◇ *From: W.G. Ryan eMVP*

- Prev by Date: *RE: row display in a datagrid*
- Next by Date: *Re: DataGrid – clever way to update DataSet*
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