

Re: Need help updating access db

Source: <http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.general/2004-04/1814.html>

From: William Ryan eMVP (*dotnetguru_at_comcast.nospam.net*)

Date: 04/21/04

Date: Wed, 21 Apr 2004 09:57:56 -0400

Hi Irvin:

First off I'd eliminate the use of Dynamic SQL. Like that. Particularly since this is a web app, use parameters instead...this is a big potential risk here.

Next, right before you call `DataAdapter.Update`, verify that your `dataset.HasChanges`.

Add this line before the code snippet:

```
Debug.Assert(tblWork.HasChanges)
<< result = workAdapter.Update(tblWorks)
> response.write("<p>Results: " & result)>>
```

I think your assertion is going to fail (since it's the web you'll need to watch it manually, I don't think that the assertion box will pop up).

The problem most likely is that you don't have any rows with a rowstate or modified/deleted/inserted so when you call update, nothing happens. If you don't have changes, you can call updates until the cows come and nothing will ever fire... it looks to rows with rowstate modified to fire the update command, added to fire the insert command and deleted to fire the delete command. If rowstate isn't changed, nothing will ever get called.

Anyway, verify that you have changes b/c that's the most likely culprit.

Next, make sure the update command is valid, test it in access first and make sure it's hitting some rows.

However, I can't emphasize enough, get rid of that dynamic sql with concatenated values...it's way too much risk just to keep a bad habit.

HTH,

Bill

"Irvin" <iamoraal@hotmail.com> wrote in message
news:d19ac02b.0404210423.44a7884c@posting.google.com...

```
> I new to ASP.net and am using the following code to attempt to update
> an Access 2000 mdb. The code does make it through the code following
> "try". NO rows are updated. There is a row with the work_id of 1343.
> What Am I missing? Your help is appreciated.
>
> Irvin Amoraal. <><
> _____
>
> <%@ Page Language="VB" Debug="true" %>
> <%@ import Namespace="System.Data" %>
> <%@ import Namespace="System.Data.OleDb" %>
> <script runat="server">
>
> Sub Page_Load(Sender As Object, E As EventArgs)
> if not page.ispostback then
> response.write("first time")
> modify_data()
> else
> response.write("Second time<p>")
> end if
>
> end sub
>
> sub modify_data()
>
> Dim SQL As String
> Dim workAdapter As New OleDbDataAdapter
> Dim workData As New DataSet
> dim accessdb as string
> dim connectionString as string
> dim myConnection as OleDbConnection
> dim result as integer
>
> accessdb = server.mappath("/DevWeb") &
> "..../resources/ma21.mdb"
>
> connectionString = "Provider=Microsoft.Jet.OLEDB.4.0;Data
> Source=" & accessdb
> myConnection = new OleDbConnection( connectionString )
>
>
> SQL = "select * from tbl_works where work_id = 1343"
> workAdapter = New OleDb.OleDbDataAdapter(SQL, myConnection)
> workAdapter.Fill(workData, "works")
>
> Dim tblWorks As DataTable
> tblWorks = workData.Tables("works")
>
> 'If workData.Tables(0).Rows.Count > 0 Then
> try
> response.write("<p>Updating " &
```

```
> workData.Tables(0).Rows.Count & " row(s).")
> workAdapter.UpdateCommand = New OleDbCommand
> workAdapter.UpdateCommand.Connection = myConnection
> workAdapter.UpdateCommand.CommandText = "Update tbl_works
> set title = 'test title' where work_id = 1343" ' "Update tbl_works set
> title = "' & title & "' where work_id = 1343"
> result = workAdapter.Update(tblWorks)
> response.write("<p>Results: " & result)
>
> Catch ex As Exception
> response.write("Type = " & ex.GetType.ToString & vbCr &
> "Message = " & ex.Message)
> 'Else
> Response.write("<p>The Work ID Does Not exist Please Try
> Again")
> end try
> 'End If
>
> myconnection.close()
> End Sub
>
> </script>
```