

Re: VS2003 transfer data between two data sources

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 - *Date:* Sun, 09 Apr 2006 15:57:28 -0500
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On Sun, 9 Apr 2006 13:23:01 -0700, AbeR <AbeR@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

I am loading a DataSet from an access file (exported from another app that a vendor provided) and want to append the data into an SQL Table that has the same structure.

I can easily append rows to the SQL table, but that can't be a best practice! Does anyone have any guidance as to taking the filled dataset from excel and then doing an append to the SQL table without having to step through all the rows (obviously the two have the same structure)

Currently:

```
private void TransferData()

string _eConnectionString;
// Connection string for the Excel file selected through UI into TextBox
fileName
_eConnectionString = @"Provider=Microsoft.Jet.OLEDB.4.0;Data Source=" +
this.fileName.Text + ";Extended Properties=\\"Excel 8.0;HDR=Yes;IMEX=1\\"";
OleDbCommand cmd = new OleDbCommand("SELECT * FROM [CIPEXPORT$]",
oConn);

DataSet ds = new DataSet();
OleDbDataAdapter da = new OleDbDataAdapter();
da.SelectCommand = cmd;

da.Fill(ds,"testData");
DataTable dt = new DataTable();

// Open up the SQL Server Connection
SqlConnection sConn = new SqlConnection(ConnectionString);
SqlCommand sCmd = new SqlCommand("_StoredProcedure", sConn);
sCmd.CommandType = CommandType.StoredProcedure;

sCmd.Parameters.Add("@Field1", SqlDbType.NVarChar, 10);
```

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// list of fields by variable

// At this point what's the best/fastest method to transfer the dataset to the Sql Server table? I could export to XML. There must be an easy method, but I'm not fluent enough in ADO.NET yet.

Thanks!

Is this a one time exercise, or do you need to do it frequently? If you need to do it frequently and have access to DTS on the MS SQL Server database, then create a DTS package to do the transfer of data. Even if it's a one-timer you can do it very easily with DTS.

If it must be done in an application, then I believe the best way is a row at a time (but not with a DataSet), even though it may seem tedious, you might be surprised how fast it is.

Question: In your question you say the file is an "access file", but in your code you seem to be loading an Excel file. Just curious, not throwing rocks.