

Obtain an XML Document from a SQL Server Query

```
using System;
using System.Xml;
using System.Data;
using System.Data.SqlClient;

public class XmlQueryExample {

    public static void Main() {
        using (SqlConnection con = new SqlConnection()) {
            con.ConnectionString = "Data Source = localhost;" +
                "Database = Northwind; Integrated Security=SSPI";
            SqlCommand com = con.CreateCommand();
            com.CommandType = CommandType.Text;
            com.CommandText = "SELECT CustomerID, CompanyName" +
                " FROM Customers FOR XML AUTO";
            XmlReader reader = null;
            try {
                con.Open();
                reader = com.ExecuteXmlReader();
                while (reader.Read()) {
                    Console.WriteLine(reader.Name);
                    if (reader.HasAttributes) {
                        for (int i = 0; i < reader.AttributeCount; i++) {
                            reader.MoveToAttribute(i);    Console.WriteLine("  {0}:
{1}", reader.Name, reader.Value); } reader.MoveToElement(); } }
                } catch (Exception ex) { Console.WriteLine(ex.ToString()); }
                finally { if (reader != null) reader.Close(); } } }
    [/csharp]
```