

# 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]
```