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How to convert XLS to SQL server (via CSV BULK insert) in C# and ByteScout Spreadsheet SDK

This tutorial will show how to convert XLS to SQL server (via CSV BULK insert) in C#

ByteScout tutorials are designed to explain the code for both C# beginners and advanced programmers. ByteScout Spreadsheet SDK can convert XLS to SQL server (via CSV BULK insert). It can be used from C#. ByteScout Spreadsheet SDK is the library (SDK) that is capable of writing, reading, modifying and calculating Excel and CSV spreadsheets. Most popular formulas can be calculated and reculculated with Excel installed. You may import or export data to and from CSV, XML, JSON as well as to and from databases, arrays.

You will save a lot of time on writing and testing code as you may just take the C# code from ByteScout Spreadsheet SDK for convert XLS to SQL server (via CSV BULK insert) below and use it in your application. In your C# project or application you may simply copy & paste the code and then run your app! Enjoy writing a code with ready-to-use sample C# codes.

ByteScout free trial version is available for download from our website. It includes all these programming tutorials along with source code samples.

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Source Code Files:

Program.cs

```
using System;
using System.IO;
using Bytescout.Spreadsheet;
using System.Data.SqlClient;

namespace ExportToSQLServer
{
        class Program
        {
                static void Main(string[] args)
                {
                        try
                        {
                                // Load XLS document
                                using (Spreadsheet document = new Spreadsheet())
                                {
                                        document.LoadFromFile("SimpleReport.xls");
                                        string csvFile = Path.GetTempPath() + "SimpleR

                                        // Save the document as CSV file
                                        document.Workbook.Worksheets[0].SaveAsCSV(csvF
                                        document.Close();

                                        if (File.Exists(csvFile))
                                        {
                                                // MODIFY THE CONNECTION STRING WITH Y
                                                string connectionString = "Data Source

                                                using (SqlConnection connection = new
                                                {
                                                        connection.Open();

                                                        // Drop test database if exist
                                                        ExecuteQueryWithoutResult(conn

                                                        // Create empty database
                                                        ExecuteQueryWithoutResult(conn
                                                        // Switch to created database
                                                        ExecuteQueryWithoutResult(conn
                                                        // Create a table for CSV data
                                                        ExecuteQueryWithoutResult(conn
                                                                                "CRE
                                                        // Export CSV data from local
                                                        ExecuteQueryWithoutResult(conn
                                                                                "BUL
                                                                                "WIT

                                                        // Check the data successfully
                                                        using (SqlCommand command = ne
                                                        {
                                                                SqlDataReader reader =

                                                                if (reader != null)
                                                                {
                                                                        Console.WriteL
```

```
                                                                Console.WriteL
                                                                Console.WriteL

                                                                while (reader.
                                                                {
                                                                        Consol
                                                                }
                                                        }
                                                }

                                                Console.WriteLine();
                                                Console.WriteLine("Press any k
                                                Console.ReadKey();
                                        }
                                }
                        }
                }
                catch(Exception ex)
                {
                        Console.WriteLine("Error: " + ex.Message);
                        Console.ReadKey();
                }
        }

        static void ExecuteQueryWithoutResult(SqlConnection connection, string
        {
                using (SqlCommand command = new SqlCommand(query, connection))
                {
                        command.ExecuteNonQuery();
                }
        }
    }
}
```

VIDEO

https://www.youtube.com/watch?v=nm_7I0PN1TY

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