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How to convert XLS to SQL server in C# and ByteScout Spreadsheet SDK

How to code in C# to convert XLS to SQL server with this step-by-step tutorial

This sample source code below will demonstrate you how to convert XLS to SQL server in C#. Want to convert XLS to SQL server in your C# app? ByteScout Spreadsheet SDK is designed for it. ByteScout Spreadsheet SDK is the SDK that can write and read, modify and calculate Excel and CSV spreadsheets. Most popular formulas are supported. You may import or export data to and from CSV, XML, JSON as well as to and from databases, arrays.

This rich sample source code in C# for ByteScout Spreadsheet SDK includes the number of functions and options you should do calling the API to convert XLS to SQL server. In your C# project or application you may simply copy & paste the code and then run your app! Detailed tutorials and documentation are available along with installed ByteScout Spreadsheet SDK if you'd like to dive deeper into the topic and the details of the API.

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

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
                        {
                                // MODIFY THE CONNECTION STRING WITH YOUR CREDENTIALS!
                                string connectionString = "Data Source=localhost;Initi

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

                                        // Drop test database if exists
                                        ExecuteQueryWithoutResult(connection,

                                        // Create empty database
                                        ExecuteQueryWithoutResult(connection, "CREATE
                                        // Switch to created database
                                        ExecuteQueryWithoutResult(connection, "USE Xls
                                        // Create a table for XLS data
                                        ExecuteQueryWithoutResult(connection,


                                        // Load XLS document
                                        using (Spreadsheet document = new Spreadsheet(
                                        {
                                                document.LoadFromFile("SimpleReport.xl
                                                Worksheet worksheet = document.Workboo

                                                for (int row = 0; row <= worksheet.Use
                                                {
                                                        String insertCommand = string.
                                                                worksheet.Cell(row, 0)
                                                        ExecuteQueryWithoutResult(conn
                                                }
                                        }

                                        // Check the data successfully exported
                                        using (SqlCommand command = new SqlCommand("SE
                                        {
                                                SqlDataReader reader = command.Execute

                                                if (reader != null)
                                                {
                                                        Console.WriteLine();
                                                        Console.WriteLine("Exported XL
                                                        Console.WriteLine();
```

```
                                                while (reader.Read())
                                                {
                                                        Console.WriteLine(Stri
                                                }
                                        }
                                }

                                Console.WriteLine();
                                Console.WriteLine("Press any key.");
                                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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ON-DEMAND REST WEB API

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