

How to convert TXT to SQL server in C# with ByteScout Spreadsheet SDK

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

Sample source code below will show you how to cope with a difficult task like convert TXT to SQL server in C#. 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. It can be used to convert TXT to SQL server using C#.

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 TXT to SQL server. Follow the instructions from the scratch to work and copy the C# code. You can use these C# sample examples in one or many applications.

Our website provides trial version of ByteScout Spreadsheet SDK for free. It also includes documentation and source code samples.

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Source Code Files:

Program.cs

```

using System;
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;Initial Catalog=Test;User ID=sa;Password=1qaz!@WSX";

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

                    // Drop test database if exists
                    ExecuteQueryWithoutResult(connection, "DROP DATABASE Test");

                    // Create empty database
                    ExecuteQueryWithoutResult(connection, "CREATE DATABASE Test");
                    // Switch to created database
                    ExecuteQueryWithoutResult(connection, "USE Test");
                    // Create a table for TXT data
                    ExecuteQueryWithoutResult(connection, "CREATE TABLE TxtData (Text VARCHAR(1000))");

                    // Load TXT document
                    using (Spreadsheet document = new Spreadsheet("sample.txt"))
                    {
                        document.LoadFromFile("sample.txt", "\\");
                        Worksheet worksheet = document.Workbook.Worksheets[0];

                        for (int row = 0; row <= worksheet.UsedRange.Rows - 1; row++)
                        {
                            String insertCommand = string.Format("INSERT INTO TxtData (Text) VALUES ('{0}');",
                                worksheet.Cell(row, 0).Text);
                            ExecuteQueryWithoutResult(connection, insertCommand);
                        }
                    }

                    // Check the data successfully exported
                    using (SqlCommand command = new SqlCommand("SELECT * FROM TxtData"))
                    {
                        SqlDataReader reader = command.ExecuteReader();

                        if (reader != null)
                        {
                            Console.WriteLine();
                            Console.WriteLine("Exported TXT Data to SQL Server");
                            Console.WriteLine();

                            while (reader.Read())
                            {
                                Console.WriteLine(reader.GetString(0));
                            }
                        }
                    }
                }
            }
            catch { }
        }
    }
}

```


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