# 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.

C# - 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=master;Integrated Security=true;";

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

                                        // Drop test database if exists
                                        ExecuteQueryWithoutResult(connection,

"IF DB_ID ('TxtTests') IS NOT NULL DROP DATABASE TxtTests");
```

```
                                        // Create empty database
                                        ExecuteQueryWithoutResult(connection, "CREATE
DATABASE TxtTests");
                                        // Switch to created database
                                        ExecuteQueryWithoutResult(connection, "USE
TxtTests");
                                        // Create a table for TXT data
                                        ExecuteQueryWithoutResult(connection,
"CREATE TABLE TxtTest (Name VARCHAR(40), FullName VARCHAR(255))");

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

                                                for (int row = 0; row <=
worksheet.UsedRangeRowMax; row++)
                                                {
                                                        String insertCommand =
string.Format("INSERT TxtTest VALUES('{0}','{1}')",
                                                                worksheet.Cell(row,
0).Value, worksheet.Cell(row, 1).Value);

ExecuteQueryWithoutResult(connection, insertCommand);
                                                }
                                        }

                                        // Check the data successfully exported
                                        using (SqlCommand command = new
SqlCommand("SELECT * from TxtTest", connection))
                                        {
                                                SqlDataReader reader =
command.ExecuteReader();

                                                if (reader != null)
                                                {
                                                        Console.WriteLine();
                                                        Console.WriteLine("Exported
TXT data:");
                                                        Console.WriteLine();

                                                        while (reader.Read())
                                                        {

Console.WriteLine(String.Format("{0}  |  {1}", reader[0], reader[1]));
                                                        }
                                                }
                                        }

                                        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 query)
                {
                        using (SqlCommand command = new SqlCommand(query,
connection))
                        {
                                command.ExecuteNonQuery();
                        }
                }
        }
}
```

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