How to convert TXT to SQL server in VB.NET using ByteScout Spreadsheet SDK

This code in VB.NET shows how to convert TXT to SQL server with this how to tutorial

The sample source codes on this page shows how to convert TXT to SQL server in VB.NET. ByteScout Spreadsheet SDK: 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 convert TXT to SQL server in VB.NET.

VB.NET code samples for VB.NET developers help to speed up coding of your application when using ByteScout Spreadsheet SDK. Follow the instructions from the scratch to work and copy the VB.NET code. This basic programming language sample code for VB.NET will do the whole work for you to convert TXT to SQL server.

Free trial version of ByteScout Spreadsheet SDK is available on our website. Documentation and source code samples are included.

FOR MORE INFORMATION AND FREE TRIAL:

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Explore API Documentation

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Get Free API key for Web API

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Source Code Files:

Program.vb

```vbnet
Imports Bytescout.Spreadsheet
Imports System.Data.SqlClient

Class Program
    Friend Shared Sub Main(args As String())
        Try
            ' MODIFY THE CONNECTION STRING WITH YOUR CREDENTIALS!!!
            Dim connectionString As String = "Data Source=localhost;Initial Catalog=mas

            Using connection As New SqlConnection(connectionString)
                connection.Open()

                ' Drop test database if exists
                ExecuteQueryWithoutResult(connection, "IF DB_ID ('TxtTests') IS NOT NUL
                ' 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 VARCH

                ' Load TXT document
                Using document As New Spreadsheet()
                document.LoadFromFile("sample.txt", vbTab) ' vbTab - TAB delimiter
                    Dim worksheet As Worksheet = document.Workbook.Worksheets(0)

                    For row As Integer = 0 To worksheet.UsedRangeRowMax
                        Dim insertCommand As [String] = String.Format("INSERT TxtTest
                        ExecuteQueryWithoutResult(connection, insertCommand)
                    Next
                End Using

                ' Check the data successfully exported
                Using command As New SqlCommand("SELECT * from TxtTest", connection)
                    Dim reader As SqlDataReader = command.ExecuteReader()

                    If reader IsNot Nothing Then
                        Console.WriteLine()
                        Console.WriteLine("Exported TXT data:")
                        Console.WriteLine()

                        While reader.Read()
                            Console.WriteLine([String].Format("{0}  |  {1}", reader(0)
                        End While
                    End If
                End Using

                Console.WriteLine()
                Console.WriteLine("Press any key.")
                Console.ReadKey()
            End Using
        Catch ex As Exception
            Console.WriteLine("Error: " & ex.Message)
            Console.ReadKey()
        End Try
    End Sub

    Private Shared Sub ExecuteQueryWithoutResult(connection As SqlConnection, query As
```

```
        Using command As New SqlCommand(query, connection)
            command.ExecuteNonQuery()
        End Using
    End Sub
End Class
```

sample.txt

```
Homer    Homer Jay Simpson
Marjorie        Marjorie Marge Simpson (Bouvier)
Bartholomew     Bartholomew Jojo Bart Simpson
Lisa    Lisa Marie Simpson
Margaret        Margaret Maggie
```

VIDEO

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

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