

How to convert txt to sql server with spreadsheet sdk in VB.NET with ByteScout Data Extraction Suite

Continuous learning is a crucial part of computer science and this tutorial shows how to convert txt to sql server with spreadsheet sdk in VB.NET

The sample shows instructions and algorithm of how to convert txt to sql server with spreadsheet sdk and how to make it run in your VB.NET application. ByteScout Data Extraction Suite is the bundle that includes three SDK tools for data extraction from PDF, scans, images and from spreadsheets: PDF Extractor SDK, Data Extraction SDK, Barcode Reader SDK and you can use it to convert txt to sql server with spreadsheet sdk with VB.NET.

Want to quickly learn? This fast application programming interfaces of ByteScout Data Extraction Suite for VB.NET plus the guidelines and the code below will help you quickly learn how to convert txt to sql server with spreadsheet sdk. IF you want to implement the functionality, just copy and paste this code for VB.NET below into your code editor with your app, compile and run your application. Check VB.NET sample code samples to see if they respond to your needs and requirements for the project.

All these programming tutorials along with source code samples and ByteScout free trial version are available for download from our website.

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Source Code Files:

Program.vb

```
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=master;User ID=sa;Password=;Server=."

            Using connection As 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(100))")

                ' 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 INTO TxtTest (Name) VALUES ('{0}')", worksheet.Cells(row, 1).Text)
                        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).Text, reader(1).Text))
                        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)
        End Try
    End Sub
End Class
```

```
        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=NEwNs2b9YN8>

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