

# CSV to SQL server in VB.NET using ByteScout Spreadsheet SDK

## How to use ByteScout Spreadsheet SDK for CSV to SQL server in VB.NET

These source code samples are listed and grouped by their programming language and functions they use. ByteScout Spreadsheet SDK was made to help with CSV to SQL server in VB.NET. 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.

VB.NET, code samples for VB.NET, developers help to speed up the application development and writing a code when using ByteScout Spreadsheet SDK. Follow the instruction from the scratch to work and copy and paste code for VB.NET into your editor. This basic programming language sample code for VB.NET will do the whole work for you in implementing CSV to SQL server in your app.

Visit our website provides for free trial version of ByteScout Spreadsheet SDK. Free trial includes lots of source code samples to help you with your VB.NET project.

VB.NET - 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;Integrated Security=true;"

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

                ' Drop test database if exists
                ExecuteQueryWithoutResult(connection, "IF DB_ID ('CsvTests') IS NOT
NULL DROP DATABASE CsvTests")
                ' Create empty database
                ExecuteQueryWithoutResult(connection, "CREATE DATABASE CsvTests")
                ' Switch to created database
                ExecuteQueryWithoutResult(connection, "USE CsvTests")
                ' Create a table for CSV data
                ExecuteQueryWithoutResult(connection, "CREATE TABLE CsvTest (Name
VARCHAR(40), FullName VARCHAR(255))")

                ' Load CSV document
```

```

        Using document As New Spreadsheet()
            document.LoadFromFile("sample.csv", ";") ' ";" - delimiter
            Dim worksheet As Worksheet = document.Workbook.Worksheets(0)

            For row As Integer = 0 To worksheet.UsedRangeRowMax
                Dim insertCommand As [String] = String.Format("INSERT CsvTest
VALUES('{0}','{1}'),
worksheet.Cell(row, 0).Value,
worksheet.Cell(row, 1).Value)
                ExecuteQueryWithoutResult(connection, insertCommand)
            Next
        End Using

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

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

                While reader.Read()
                    Console.WriteLine([String].Format("{0} | {1}",
reader(0), reader(1)))
                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 String)
    Using command As New SqlCommand(query, connection)
        command.ExecuteNonQuery()
    End Using
End Sub
End Class

```

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