

## How to view spreadsheet with spreadsheet sdk in VB.NET using ByteScout Data Extraction Suite

Learning is essential in computer world and the tutorial below will demonstrate how to view spreadsheet with spreadsheet sdk in VB.NET

These source code samples are assembled by their programming language and functions they apply. Want to view spreadsheet with spreadsheet sdk in your VB.NET app? ByteScout Data Extraction Suite is designed for it. 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.

This prolific sample source code in VB.NET for ByteScout Data Extraction Suite contains various functions and other necessary options you should do calling the API to view spreadsheet with spreadsheet sdk. Follow the instructions from scratch to work and copy the VB.NET code. Enjoy writing a code with ready-to-use sample VB.NET codes.

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

FOR MORE INFORMATION AND FREE TRIAL:

[Download Free Trial SDK \(on-premise version\)](#)

[Read more about ByteScout Data Extraction Suite](#)

[Explore API Documentation](#)

[Get Free Training for ByteScout Data Extraction Suite](#)

[Get Free API key for Web API](#)

[visit www.Bytescout.com](http://www.Bytescout.com)

Source Code Files:

```

Partial Class Form1
    ''' <summary>
    ''' Required designer variable.
    ''' </summary>
    Private components As System.ComponentModel.IContainer = Nothing

    ''' <summary>
    ''' Clean up any resources being used.
    ''' </summary>
    ''' <param name="disposing">true if managed resources should be disposed; otherwise, false;
    Protected Overrides Sub Dispose(disposing As Boolean)
        If disposing AndAlso (components IsNot Nothing) Then
            components.Dispose()
        End If
        MyBase.Dispose(disposing)
    End Sub

    #Region "Windows Form Designer generated code"

    ''' <summary>
    ''' Required method for Designer support - do not modify
    ''' the contents of this method with the code editor.
    ''' </summary>
    Private Sub InitializeComponent()
        Dim resources As New System.ComponentModel.ComponentResourceManager(GetType(Form1))
        Me.lblStub = New System.Windows.Forms.Label()
        Me.menuStrip1 = New System.Windows.Forms.MenuStrip()
        Me.filesToolStripMenuItem = New System.Windows.Forms.ToolStripItem()
        Me.tsmiOpen = New System.Windows.Forms.ToolStripItem()
        Me.tsmiPrint = New System.Windows.Forms.ToolStripItem()
        Me.tsmiPrintPreview = New System.Windows.Forms.ToolStripItem()
        Me.tsmiExit = New System.Windows.Forms.ToolStripItem()
        Me.helpToolStripMenuItem = New System.Windows.Forms.ToolStripItem()
        Me.tsmiVisitWebsite = New System.Windows.Forms.ToolStripItem()
        Me.tsmiAbout = New System.Windows.Forms.ToolStripItem()
        Me.toolStrip = New System.Windows.Forms.ToolStrip()
        Me.tsbOpen = New System.Windows.Forms.ToolStripButton()
        Me.toolStripSeparator1 = New System.Windows.Forms.ToolStripSeparator()
        Me.tsbPromo = New System.Windows.Forms.ToolStripButton()
        Me.toolStripSeparator2 = New System.Windows.Forms.ToolStripSeparator()
        Me.tsbVisitWebsite = New System.Windows.Forms.ToolStripButton()
        Me.openFileDialog = New System.Windows.Forms.OpenFileDialog()
        Me.menuStrip1.SuspendLayout()
        Me.toolStrip.SuspendLayout()
        Me.SuspendLayout()
        '
        ' lblStub
        '
        Me.lblStub.BackColor = System.Drawing.SystemColors.Window
        Me.lblStub.Dock = System.Windows.Forms.DockStyle.Fill
        Me.lblStub.Font = New System.Drawing.Font("Arial", 17.25F, System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point, CType(0, Byte))
        Me.lblStub.ForeColor = System.Drawing.SystemColors.AppWorkspace
        Me.lblStub.Location = New System.Drawing.Point(0, 49)
        Me.lblStub.Name = "lblStub"
        Me.lblStub.Size = New System.Drawing.Size(837, 508)
    End Sub
End Class

```

```

Me.lblStub.TabIndex = 5
Me.lblStub.Text = "Click here to open spreadsheet files: " & vbCrLf & vbCrLf
Me.lblStub.TextAlign = System.Drawing.ContentAlignment.MiddleCenter
AddHandler Me.lblStub.Click, New System.EventHandler(AddressOf Me.tsmiO
,
' menuStrip1
,
Me.menuStrip1.Items.AddRange(New System.Windows.Forms.ToolStripItem()
Me.menuStrip1.Location = New System.Drawing.Point(0, 0)
Me.menuStrip1.Name = "menuStrip1"
Me.menuStrip1.Padding = New System.Windows.Forms.Padding(4, 2, 0, 2)
Me.menuStrip1.Size = New System.Drawing.Size(837, 24)
Me.menuStrip1.TabIndex = 6
Me.menuStrip1.Text = "menuStrip1"
,
' filesToolStripMenuItem
,
Me.filesToolStripMenuItem.DropDownItems.AddRange(New System.Windows.Fo
Me.filesToolStripMenuItem.Name = "filesToolStripMenuItem"
Me.filesToolStripMenuItem.Size = New System.Drawing.Size(42, 20)
Me.filesToolStripMenuItem.Text = "Files"
,
' tsmiOpen
,
Me.tsmiOpen.Name = "tsmiOpen"
Me.tsmiOpen.ShortcutKeys = CType((System.Windows.Forms.Keys.Control Or
Me.tsmiOpen.Size = New System.Drawing.Size(166, 22)
Me.tsmiOpen.Text = "Open"
AddHandler Me.tsmiOpen.Click, New System.EventHandler(AddressOf Me.tsmi
,
' tsmiPrint
,
Me.tsmiPrint.Enabled = False
Me.tsmiPrint.Name = "tsmiPrint"
Me.tsmiPrint.Size = New System.Drawing.Size(166, 22)
Me.tsmiPrint.Text = "Print..."
Me.tsmiPrint.Visible = False
,
' tsmiPrintPreview
,
Me.tsmiPrintPreview.Enabled = False
Me.tsmiPrintPreview.Name = "tsmiPrintPreview"
Me.tsmiPrintPreview.Size = New System.Drawing.Size(166, 22)
Me.tsmiPrintPreview.Text = "Print Preview..."
Me.tsmiPrintPreview.Visible = False
,
' tsmiExit
,
Me.tsmiExit.Name = "tsmiExit"
Me.tsmiExit.Size = New System.Drawing.Size(166, 22)
Me.tsmiExit.Text = "Exit"
AddHandler Me.tsmiExit.Click, New System.EventHandler(AddressOf Me.tsmi
,
' helpToolStripMenuItem
,
Me.helpToolStripMenuItem.DropDownItems.AddRange(New System.Windows.Fo
Me.helpToolStripMenuItem.Name = "helpToolStripMenuItem"
Me.helpToolStripMenuItem.Size = New System.Drawing.Size(44, 20)
Me.helpToolStripMenuItem.Text = "Help"
,

```

```

    ' tsmiVisitWebsite
    ,
    Me.tsmiVisitWebsite.Name = "tsmiVisitWebsite"
    Me.tsmiVisitWebsite.Size = New System.Drawing.Size(152, 22)
    Me.tsmiVisitWebsite.Text = "Visit Website"
    AddHandler Me.tsmiVisitWebsite.Click, New System.EventHandler(AddressOf
    ,
    ' tsmiAbout
    ,
    Me.tsmiAbout.Name = "tsmiAbout"
    Me.tsmiAbout.Size = New System.Drawing.Size(152, 22)
    Me.tsmiAbout.Text = "About"
    AddHandler Me.tsmiAbout.Click, New System.EventHandler(AddressOf Me.tsmi
    ,
    ' toolStrip
    ,
    Me.toolStrip.Items.AddRange(New System.Windows.Forms.ToolStripItem() {
    Me.toolStrip.Location = New System.Drawing.Point(0, 24)
    Me.toolStrip.Name = "toolStrip"
    Me.toolStrip.Size = New System.Drawing.Size(837, 25)
    Me.toolStrip.TabIndex = 7
    Me.toolStrip.Text = "toolStrip1"
    ,
    ' tsbOpen
    ,
    Me.tsbOpen.Font = New System.Drawing.Font("Tahoma", 8.25F, System.Draw
    Me.tsbOpen.ImageTransparentColor = System.Drawing.Color.Black
    Me.tsbOpen.Name = "tsbOpen"
    Me.tsbOpen.Size = New System.Drawing.Size(71, 22)
    Me.tsbOpen.Text = "Open File..."
    AddHandler Me.tsbOpen.Click, New System.EventHandler(AddressOf Me.tsmi
    ,
    ' toolStripSeparator1
    ,
    Me.toolStripSeparator1.Name = "toolStripSeparator1"
    Me.toolStripSeparator1.Size = New System.Drawing.Size(6, 25)
    ,
    ' tsbPromo
    ,
    Me.tsbPromo.DisplayStyle = System.Windows.Forms.ToolStripItemDisplaySt
    Me.tsbPromo.Font = New System.Drawing.Font("Tahoma", 8.25F, System.Dra
    Me.tsbPromo.ImageTransparentColor = System.Drawing.Color.Magenta
    Me.tsbPromo.Name = "tsbPromo"
    Me.tsbPromo.Size = New System.Drawing.Size(320, 22)
    Me.tsbPromo.Text = "Developers: Check Bytescout Spreadsheet SDK for .NET
    AddHandler Me.tsbPromo.Click, New System.EventHandler(AddressOf Me.tsb
    ,
    ' toolStripSeparator2
    ,
    Me.toolStripSeparator2.Name = "toolStripSeparator2"
    Me.toolStripSeparator2.Size = New System.Drawing.Size(6, 25)
    ,
    ' tsbVisitWebsite
    ,
    Me.tsbVisitWebsite.DisplayStyle = System.Windows.Forms.ToolStripItemDis
    Me.tsbVisitWebsite.Font = New System.Drawing.Font("Tahoma", 8.25F, Sys
    Me.tsbVisitWebsite.ImageTransparentColor = System.Drawing.Color.Magenta
    Me.tsbVisitWebsite.Name = "tsbVisitWebsite"
    Me.tsbVisitWebsite.Size = New System.Drawing.Size(84, 22)
    Me.tsbVisitWebsite.Text = "Visit Website"

```

```

        AddHandler Me.tsbVisitWebsite.Click, New System.EventHandler(AddressOf
        '
        ' openFileDialog
        '
        Me.openFileDialog.Filter = resources.GetString("openFileDialog.Filter")
        Me.openFileDialog.SupportMultiDottedExtensions = True
        '
        ' Form1
        '
        Me.AutoScaleDimensions = New System.Drawing.SizeF(6F, 13F)
        Me.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font
        Me.ClientSize = New System.Drawing.Size(837, 557)
        Me.Controls.Add(Me.lblStub)
        Me.Controls.Add(Me.toolStrip)
        Me.Controls.Add(Me.menuStrip1)
        Me.Name = "Form1"
        Me.Text = "Spreadsheet Viewer"
        Me.menuStrip1.ResumeLayout(False)
        Me.menuStrip1.PerformLayout()
        Me.toolStrip.ResumeLayout(False)
        Me.toolStrip.PerformLayout()
        Me.ResumeLayout(False)
        Me.PerformLayout()

```

End Sub

#End Region

```

Private lblStub As System.Windows.Forms.Label
Private menuStrip1 As System.Windows.Forms.MenuStrip
Private filesToolStripMenuItem As System.Windows.Forms.ToolStripItem
Private tsmiOpen As System.Windows.Forms.ToolStripItem
Private tsmiPrint As System.Windows.Forms.ToolStripItem
Private tsmiPrintPreview As System.Windows.Forms.ToolStripItem
Private tsmiExit As System.Windows.Forms.ToolStripItem
Private helpToolStripMenuItem As System.Windows.Forms.ToolStripItem
Private tsmiVisitWebsite As System.Windows.Forms.ToolStripItem
Private tsmiAbout As System.Windows.Forms.ToolStripItem
Private toolStrip As System.Windows.Forms.ToolStrip
Private tsbOpen As System.Windows.Forms.ToolStripButton
Private toolStripSeparator1 As System.Windows.Forms.ToolStripSeparator
Private tsbPromo As System.Windows.Forms.ToolStripButton
Private toolStripSeparator2 As System.Windows.Forms.ToolStripSeparator
Private tsbVisitWebsite As System.Windows.Forms.ToolStripButton
Private openFileDialog As System.Windows.Forms.OpenFileDialog

```

End Class

Form1.vb

```

Imports System.IO
Imports System.Text
Imports System.Windows.Forms
Imports Bytescout.Spreadsheet

Public Partial Class Form1
    Inherits Form
    Private _spreadsheetControl As SpreadsheetControl = Nothing

    Private _fileName As String = Nothing

    Public Sub New(args As String())
        If args.Length > 0 AndAlso File.Exists(args(0)) Then
            _fileName = args(0)
        End If

        If _fileName IsNot Nothing Then
            OpenFile(_fileName)
        End If

        InitializeComponent()
    End Sub

    Private Sub OpenFile(fileName As String)
        Text = "Spreadsheet Viewer - " & fileName

        Dim xls As New Spreadsheet()
        xls.RegistrationName = "demo"
        xls.RegistrationKey = "demo"

        Try
            xls.LoadFromFile(fileName)
        Catch generatedExceptionName As SpreadsheetProtectionPasswordRequired
            Dim passwordDialog As New PasswordDialog()

            If passwordDialog.ShowDialog(Me) = DialogResult.OK Then
                xls.LoadFromFile(fileName, CacheType.Memory, ",", Encod
            Else
                Return
            End If
        End Try

        lblStub.Visible = False

        If _spreadsheetControl Is Nothing Then
            _spreadsheetControl = New SpreadsheetControl()
            _spreadsheetControl.Dock = DockStyle.Fill

            Controls.Add(_spreadsheetControl)

            _spreadsheetControl.BringToFront()
            _spreadsheetControl.Focus()
        End If

        Cursor = Cursors.WaitCursor

        Try
            _spreadsheetControl.Spreadsheet = xls
        Catch e As Exception
            MessageBox.Show(e.ToString())
        End Try
    End Sub
End Class

```

```

        Finally
            Cursor = Cursors.[Default]
        End Try
    End Sub

    Private Sub tsmiOpen_Click(sender As Object, e As EventArgs)
        If openFileDialog.ShowDialog() = DialogResult.OK Then
            OpenFile(openFileDialog.FileName)
        End If
    End Sub

    Private Sub tsmiAbout_Click(sender As Object, e As EventArgs)
        MessageBox.Show("Spreadsheet Viewer" & vbCrLf & vbCrLf & "www.bytescout.com")
    End Sub

    Private Sub tsmiExit_Click(sender As Object, e As EventArgs)
        Close()
    End Sub

    Private Sub tsmiVisitWebsite_Click(sender As Object, e As EventArgs)
        System.Diagnostics.Process.Start("http://www.bytescout.com")
    End Sub

    Private Sub tsbPromo_Click(sender As Object, e As EventArgs)
        System.Diagnostics.Process.Start("http://bytescout.com/products/development")
    End Sub
End Class

```

PasswordDialog.Designer.vb

```

Partial Class PasswordDialog
    ''' <summary>
    ''' Required designer variable.
    ''' </summary>
    Private components As System.ComponentModel.IContainer = Nothing

    ''' <summary>
    ''' Clean up any resources being used.
    ''' </summary>
    ''' <param name="disposing">true if managed resources should be disposed; otherwise, false; beware of disposing of unmanaged resources (e.g. a FileStream) as well, as that can lead to exceptions.
    Protected Overrides Sub Dispose(disposing As Boolean)
        If disposing AndAlso (components IsNot Nothing) Then
            components.Dispose()
        End If
        MyBase.Dispose(disposing)
    End Sub

    #Region "Windows Form Designer generated code"

    ''' <summary>

```

```

''' Required method for Designer support - do not modify
''' the contents of this method with the code editor.
''' </summary>
Private Sub InitializeComponent()
    Me.textBoxPassword = New System.Windows.Forms.TextBox()
    Me.label2 = New System.Windows.Forms.Label()
    Me.checkBoxHide = New System.Windows.Forms.CheckBox()
    Me.btnOk = New System.Windows.Forms.Button()
    Me.btnCancel = New System.Windows.Forms.Button()
    Me.SuspendLayout()
    '
    '   textBoxPassword
    '
    Me.textBoxPassword.Location = New System.Drawing.Point(79, 39)
    Me.textBoxPassword.Name = "textBoxPassword"
    Me.textBoxPassword.Size = New System.Drawing.Size(168, 22)
    Me.textBoxPassword.TabIndex = 1
    '
    '   label2
    '
    Me.label2.AutoSize = True
    Me.label2.Location = New System.Drawing.Point(4, 42)
    Me.label2.Name = "label2"
    Me.label2.Size = New System.Drawing.Size(73, 17)
    Me.label2.TabIndex = 2
    Me.label2.Text = "Password:"
    '
    '   checkBoxHide
    '
    Me.checkBoxHide.AutoSize = True
    Me.checkBoxHide.Location = New System.Drawing.Point(7, 12)
    Me.checkBoxHide.Name = "checkBoxHide"
    Me.checkBoxHide.Size = New System.Drawing.Size(123, 21)
    Me.checkBoxHide.TabIndex = 3
    Me.checkBoxHide.Text = "Hide password"
    Me.checkBoxHide.UseVisualStyleBackColor = True
    AddHandler Me.checkBoxHide.CheckedChanged, New System.EventHandler(Add
    '
    '   btnOk
    '
    Me.btnOk.DialogResult = System.Windows.Forms.DialogResult.OK
    Me.btnOk.Location = New System.Drawing.Point(91, 67)
    Me.btnOk.Name = "btnOk"
    Me.btnOk.Size = New System.Drawing.Size(75, 23)
    Me.btnOk.TabIndex = 4
    Me.btnOk.Text = "Ok"
    Me.btnOk.UseVisualStyleBackColor = True
    AddHandler Me.btnOk.Click, New System.EventHandler(AddressOf Me.btnOk_C
    '
    '   btnCancel
    '
    Me.btnCancel.DialogResult = System.Windows.Forms.DialogResult.Cancel
    Me.btnCancel.Location = New System.Drawing.Point(172, 67)
    Me.btnCancel.Name = "btnCancel"
    Me.btnCancel.Size = New System.Drawing.Size(75, 23)
    Me.btnCancel.TabIndex = 5
    Me.btnCancel.Text = "Cancel"
    Me.btnCancel.UseVisualStyleBackColor = True
    AddHandler Me.btnCancel.Click, New System.EventHandler(AddressOf Me.bt
    '

```



```

        ' PasswordDialog
        '
        Me.AcceptButton = Me.btnOk
        Me.AutoScaleDimensions = New System.Drawing.SizeF(8F, 16F)
        Me.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font
        Me.CancelButton = Me.btnCancel
        Me.ClientSize = New System.Drawing.Size(255, 98)
        Me.Controls.Add(Me.btnCancel)
        Me.Controls.Add(Me.btnOk)
        Me.Controls.Add(Me.checkBoxHide)
        Me.Controls.Add(Me.label2)
        Me.Controls.Add(Me.textBoxPassword)
        Me.FormBorderStyle = System.Windows.Forms.FormBorderStyle.FixedDialog
        Me.MaximizeBox = False
        Me.MinimizeBox = False
        Me.Name = "PasswordDialog"
        Me.SizeGripStyle = System.Windows.Forms.SizeGripStyle.Hide
        Me.StartPosition = System.Windows.Forms.FormStartPosition.CenterParent
        Me.Text = "Please enter a password"
        Me.ResumeLayout(False)
        Me.PerformLayout()

    End Sub

#End Region

Private textBoxPassword As System.Windows.Forms.TextBox
Private label2 As System.Windows.Forms.Label
Private checkBoxHide As System.Windows.Forms.CheckBox
Private btnOk As System.Windows.Forms.Button
Private btnCancel As System.Windows.Forms.Button
End Class

```

PasswordDialog.vb

```

Imports System.Windows.Forms

Public Partial Class PasswordDialog
    Inherits Form
    Public Sub New()
        InitializeComponent()
    End Sub

    Public ReadOnly Property Password() As String
        Get
            Return textBoxPassword.Text
        End Get
    End Property

    Private Sub btnOk_Click(sender As Object, e As EventArgs)

```

```

        'DialogResult = DialogResult.OK;
        'Close();
    End Sub

    Private Sub btnCancel_Click(sender As Object, e As EventArgs)

    End Sub

    Private Sub checkBoxHide_CheckedChanged(sender As Object, e As EventArgs)
        If checkBoxHide.Checked Then
            textBoxPassword.PasswordChar = "*"C
        Else
            textBoxPassword.PasswordChar = ControlChars.NullChar
        End If
    End Sub
End Class

```

Program.vb

```

Imports System.Windows.Forms

NotInheritable Class Program
    Private Sub New()
    End Sub
    ''' <summary>
    ''' The main entry point for the application.
    ''' </summary>
    <STAThread> _
    Friend Shared Sub Main(args As String())
        Application.EnableVisualStyles()
        Application.SetCompatibleTextRenderingDefault(False)

        Application.Run(New Form1(args))
    End Sub
End Class

```

---

VIDEO

<https://www.youtube.com/watch?v=NEwNs2b9YN8>

ON-PREMISE OFFLINE SDK

[60 Day Free Trial](#) or [Visit ByteScout Data Extraction Suite Home Page](#)

[Explore ByteScout Data Extraction Suite Documentation](#)

[Explore Samples](#)

[Sign Up for ByteScout Data Extraction Suite Online Training](#)

ON-DEMAND REST WEB API

[Get Your API Key](#)

[Explore Web API Docs](#)

[Explore Web API Samples](#)

[visit www.ByteScout.com](http://www.ByteScout.com)

[visit www.PDF.co](http://www.PDF.co)

[www.bytescout.com](http://www.bytescout.com)