

pdf to image with custom size with pdf renderer sdk in VB.NET using ByteScout PDF Suite

Simple tutorial on how to do pdf to image with custom size with pdf renderer sdk in VB.NET

Writing of the code to pdf to image with custom size with pdf renderer sdk in VB.NET can be done by developers of any level using ByteScout PDF Suite. ByteScout PDF Suite was made to help with pdf to image with custom size with pdf renderer sdk in VB.NET. ByteScout PDF Suite is the set that includes 6 SDK products to work with PDF from generating rich PDF reports to extracting data from PDF documents and converting them to HTML. This bundle includes PDF (Generator) SDK, PDF Renderer SDK, PDF Extractor SDK, PDF to HTML SDK, PDF Viewer SDK and PDF Generator SDK for Javascript.

The below SDK samples describe how to quickly make your application do pdf to image with custom size with pdf renderer sdk in VB.NET with the help of ByteScout PDF Suite. To use pdf to image with custom size with pdf renderer sdk in your VB.NET project or application just copy & paste the code and then run your app! Enjoy writing a code with ready-to-use sample VB.NET codes to add pdf to image with custom size with pdf renderer sdk functions using ByteScout PDF Suite in VB.NET.

Trial version along with the source code samples for VB.NET can be downloaded from our website

FOR MORE INFORMATION AND FREE TRIAL:

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

[Read more about ByteScout PDF Suite](#)

[Explore API Documentation](#)

[Get Free Training for ByteScout PDF Suite](#)

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

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

Source Code Files:

Program.vb

```
Imports System.Collections.Generic
Imports Bytescout.PDFRenderer

Class Program
    Friend Shared Sub Main(args As String())

        ' Specify Image Generation Inputs
        Dim imageGenerationInputs As New ImageGenerationInputs()

        imageGenerationInputs.AddCustomSize(width:=320, height:=420)
        imageGenerationInputs.AddCustomSize(width:=600, height:=800)

        imageGenerationInputs.EnableSaveAsPng = True
        imageGenerationInputs.EnableSaveAsJpeg = True
        imageGenerationInputs.EnableSaveAsTiff = True

        ' Create an instance of Bytescout.PDFRenderer.RasterRenderer object and register it
        Dim renderer As New RasterRenderer()
        renderer.RegistrationName = "demo"
        renderer.RegistrationKey = "demo"

        ' Load PDF document.
        renderer.LoadDocumentFromFile("multipage.pdf")

        ' Specify Rendering Options to fine tune output generation
        Dim RenderingOptions As New RenderingOptions()
        RenderingOptions.TIFFCompression = TIFFCompression.None
        RenderingOptions.VectorSmoothingMode = GraphicsTransformationQuality.HighQuality

        ' Loop through each custom size specified
        For Each itmCustomSize As KeyValuePair(Of Int32, Int32) In imageGenerationInputs.CustomSizes

            ' Loop through all pages
            For pageIndex As Integer = 0 To renderer.GetPageCount() - 1

                ' Perform save as PNG, if specified
                If imageGenerationInputs.EnableSaveAsPng Then

                    Dim pngImageName As String = {code}"output_{itmCustomSize.Key}_{pageIndex}.png"

                    ' Save png image per page, per custom size
                    renderer.Save(
                        destFileName:=pngImageName,
                        outputFormat:=RasterImageFormat.PNG,
                        pageIndex:=pageIndex,
                        width:=itmCustomSize.Key,
                        height:=itmCustomSize.Value,
                        renderingOptions:=RenderingOptions
                    )

                    Console.WriteLine(pngImageName + " - Generated")
                End If
            Next pageIndex
        Next itmCustomSize
    End Sub
End Class
```

```

        End If

        ' Perform save as JPG, if specified
        If imageGenerationInputs.EnableSaveAsJpeg Then

            Dim jpgImageName As String = {code}quot;output_{itmCustomSize.Key}

            ' Save jpg image per page, per custom size
            renderer.Save(
                destFileName:=jpgImageName,
                outputFormat:=RasterImageFormat.JPEG,
                pageIndex:=pageIndex,
                width:=itmCustomSize.Key,
                height:=itmCustomSize.Value,
                renderingOptions:=RenderingOptions
            )

            Console.WriteLine(jpgImageName + " - Generated")

        End If

    Next

    ' Perform save as TIFF, if specified
    If imageGenerationInputs.EnableSaveAsTiff Then

        Dim tiffImageName As String = {code}quot;output_{itmCustomSize.Key}x{i

        ' Save tiff image per page, per custom size
        renderer.SaveMultipageTiff(
            destFileName:=tiffImageName,
            startPageIndex:=0,
            endPageIndex:=renderer.GetPageCount() - 1,
            width:=itmCustomSize.Key,
            height:=itmCustomSize.Value,
            renderingOptions:=RenderingOptions)

        Console.WriteLine(tiffImageName + " - Generated")

    End If

Next

' Cleanup
renderer.Dispose()

Console.ReadLine()

End Sub

End Class

Class ImageGenerationInputs

#Region "Constructors"

    Public Sub New()
        CustomSizes = New List(Of KeyValuePair(Of Integer, Integer))()

```

```
        EnableSaveAsPng = True
    End Sub

#End Region

#Region "Properties"

    Public Property CustomSizes As List(Of KeyValuePair(Of Int32, Int32))

    Public Property EnableSaveAsPng As Boolean

    Public Property EnableSaveAsJpeg As Boolean

    Public Property EnableSaveAsTiff As Boolean

#End Region

#Region "Methods"

    Public Sub AddCustomSize(ByVal width As Int32, ByVal height As Int32)

        CustomSizes.Add(New KeyValuePair(Of Integer, Integer)(width, height))

    End Sub

#End Region

End Class
```

VIDEO

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

ON-PREMISE OFFLINE SDK

[60 Day Free Trial](#) or [Visit ByteScout PDF Suite Home Page](#)
[Explore ByteScout PDF Suite Documentation](#)
[Explore Samples](#)
[Sign Up for ByteScout PDF 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