How to add text and images to PDF in VB.NET using ByteScout Cloud API Server

Learning is essential in computer world and the tutorial below will demonstrate how to add text and images to PDF in VB.NET

This sample source code below will display you how to add text and images to PDF in VB.NET. ByteScout Cloud API Server is API server that is ready to use and can be installed and deployed in less than 30 minutes on your own Windows server or server in a cloud. It can save data and files on your local server-based file storage or in Amazon AWS S3 storage. Data is processed solely on the API server and is powered by ByteScout engine, no cloud services or Internet connection is required for data processing.. It can add text and images to PDF in VB.NET.

Want to quickly learn? This fast application programming interfaces of ByteScout Cloud API Server for VB.NET plus the guidelines and the code below will help you quickly learn how to add text and images to PDF. This VB.NET sample code is all you need for your app. Just copy and paste the code, add references (if needs to) and you are all set! Further improvement of the code will make it more robust.

You can download free trial version of ByteScout Cloud API Server from our website with this and other source code samples for VB.NET.

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Source Code Files:

AddTextToExistingPDF.sln

```
Microsoft Visual Studio Solution File, Format Version 12.00
# Visual Studio Version 16
VisualStudioVersion = 16.0.29001.49
MinimumVisualStudioVersion = 10.0.40219.1
Project("{F184B08F-C81C-45F6-A57F-5ABD9991F28F}") = "AddTextToExistingPDF", "AddTextTo
EndProject
Global
        GlobalSection(SolutionConfigurationPlatforms) = preSolution
                Debug|Any CPU = Debug|Any CPU
                Release|Any CPU = Release|Any CPU
        EndGlobalSection
        GlobalSection(ProjectConfigurationPlatforms) = postSolution
                {9B91124C-66C3-4BD9-B29E-168C1ABB15AC}.Debug|Any CPU.ActiveCfg = Debug
                {9B91124C-66C3-4BD9-B29E-168C1ABB15AC}.Debug|Any CPU.Build.0 = Debug|Ar
                {9B91124C-66C3-4BD9-B29E-168C1ABB15AC}.Release|Any CPU.ActiveCfg = Rele
                {9B91124C-66C3-4BD9-B29E-168C1ABB15AC}.Release|Any CPU.Build.0 = Releas
        EndGlobalSection
        GlobalSection(SolutionProperties) = preSolution
                HideSolutionNode = FALSE
        EndGlobalSection
        GlobalSection(ExtensibilityGlobals) = postSolution
                SolutionGuid = {4576C9BB-A42D-46A8-9198-7E2982E122FA}
        EndGlobalSection
EndGlobal
```

Module1.vb

```vb
Imports System.IO
Imports System.Net
Imports Newtonsoft.Json.Linq

' Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://lo
' If it's not then please replace this with with your hosting url.

Module Module1

    ' Direct URL of source PDF file.
    Const SourceFileUrl As String = "https://bytescout-com.s3.amazonaws.com/files/demo-

    ' Comma-separated list of page indices (Or ranges) to process. Leave empty for all
    Const Pages As String = ""

    ' PDF document password. Leave empty for unprotected documents.
```

```vbnet
Const Password As String = ""

' Destination PDF file name
Const DestinationFile As String = ".\result.pdf"

' Text annotation params
Private Const Type2 As String = "annotation"
Private Const X2 As Int32 = 400
Private Const Y2 As Int32 = 600
Private Const Text As String = "APPROVED"
Private Const FontName As String = "Times New Roman"
Private Const FontSize As Decimal = 24
Private Const Color As String = "FF0000"

Sub Main()

    ' Create standard .NET web client instance
    Dim webClient As WebClient = New WebClient()

    ' * Add text annotation *
    ' Prepare URL for `PDF Edit` API call
    Dim query As String = Uri.EscapeUriString(String.Format(
        "https://localhost/pdf/edit/add?name={0}&password={1}&pages={2}&url={3}&typ
            Path.GetFileName(DestinationFile),
            Password,
            Pages,
            SourceFileUrl,
            Type2,
            X2,
            Y2,
            Text,
            FontName,
            FontSize,
            Color))

    Try
        ' Execute request
        Dim response As String = webClient.DownloadString(query)

        ' Parse JSON response
        Dim json As JObject = JObject.Parse(response)

        If json("error").ToObject(Of Boolean) = False Then

            ' Get URL of generated PDF file
            Dim resultFileUrl As String = json("url").ToString()

            ' Download PDF file
            webClient.DownloadFile(resultFileUrl, DestinationFile)

            Console.WriteLine("Generated PDF file saved as ""{0}"" file.", Destina

        Else
            Console.WriteLine(json("message").ToString())
        End If

    Catch ex As WebException
        Console.WriteLine(ex.ToString())
    End Try
```

```vbnet
            webClient.Dispose()

            Console.WriteLine()
            Console.WriteLine("Press any key...")
            Console.ReadKey()

        End Sub

End Module
```

packages.config

```xml
<?xml version="1.0" encoding="utf-8"?>
<packages>
  <package id="Newtonsoft.Json" version="10.0.3" targetFramework="net40" />
</packages>
```

VIDEO

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

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