# How to convert PDF to TIFF from URL for PDF to image API in VB.NET using ByteScout Cloud API Server

How to convert PDF to TIFF from URL in VB.NET with easy ByteScout code samples to make PDF to image API. Step-by-step tutorial

Writing of the code to convert PDF to TIFF from URL in VB.NET can be done by developers of any level using ByteScout Cloud API Server. ByteScout Cloud API Server was designed to assist PDF to image API 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..

VB.NET code snippet like this for ByteScout Cloud API Server works best when you need to quickly implement PDF to image API in your VB.NET application. Follow the tutorial and copy - paste code for VB.NET into your project's code editor. Easy to understand tutorials are available along with installed ByteScout Cloud API Server if you'd like to learn more about the topic and the details of the API.

Free! Free! Free! ByteScout free trial version is available for FREE download from our website. Programming tutorials along with source code samples are assembled.

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# Source Code Files:

ByteScoutWebApiExample.sln

```
Microsoft Visual Studio Solution File, Format Version 12.00
# Visual Studio 15
VisualStudioVersion = 15.0.26730.10
MinimumVisualStudioVersion = 10.0.40219.1
Project("{F184B08F-C81C-45F6-A57F-5ABD9991F28F}") = "ByteScoutWebApiExample", "ByteScou
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|A
                {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://loc
' 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/c
        ' Comma-separated list of page indices (or ranges) to process. Leave empty for
        const Pages as String = ""
        ' PDF document password. Leave empty for unprotected documents.
        const Password As string = ""
        ' Destination TIFF file name
```

```vbnet
        const DestinationFile as string = ".\result.tif"

        Sub Main()

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

                ' Prepare URL for `PDF To TIFF` API call
                Dim query As String = Uri.EscapeUriString(String.Format(
                        "https://localhost/pdf/convert/to/tiff?name={0}&password={1}&pa
                        Path.GetFileName(DestinationFile),
                        Password,
                        Pages,
                        SourceFileUrl))

                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 TIFF file
                                Dim resultFileUrl As String = json("url").ToString()

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

                                Console.WriteLine("Generated TIFF file saved as ""{0}""

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

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

                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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