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## How to convert images to PDF from urls for image to PDF API in VB.NET and PDF.co Web API

### How to convert images to PDF from urls for image to PDF API in VB.NET: How To Tutorial

Sample source codes below will show you how to cope with a difficult task, for example, image to PDF API in VB.NET. PDF.co Web API helps with image to PDF API in VB.NET. PDF.co Web API is the Web API with a set of tools for documents manipulation, data conversion, data extraction, splitting and merging of documents. Includes image recognition, built-in OCR, barcode generation and barcode decoders to decode bar codes from scans, pictures and pdf.

This rich sample source code in VB.NET for PDF.co Web API includes the number of functions and options you should do calling the API to implement image to PDF API. Follow the instruction and copy - paste code for VB.NET into your project's code editor. Use of PDF.co Web API in VB.NET is also explained in the documentation included along with the product.

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

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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", "ByteScoutWebApiExample.csproj", "{F184B08F-C81C-45F6-A57F-5ABD9991F28F}"
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|Any CPU
        {9B91124C-66C3-4BD9-B29E-168C1ABB15AC}.Debug|Any CPU.Build.0 = Debug|Any CPU
        {9B91124C-66C3-4BD9-B29E-168C1ABB15AC}.Release|Any CPU.ActiveCfg = Release|Any CPU
        {9B91124C-66C3-4BD9-B29E-168C1ABB15AC}.Release|Any CPU.Build.0 = Release|Any CPU
    EndGlobalSection
    GlobalSection(SolutionProperties) = preSolution
        HideSolutionNode = FALSE
    EndGlobalSection
    GlobalSection(ExtensibilityGlobals) = postSolution
        SolutionGuid = {4576C9BB-A42D-46A8-9198-7E2982E122FA}
    EndGlobalSection
EndGlobal
```

## Module1.vb

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

Module Module1

    ' The authentication key (API Key).
    ' Get your own by registering at https://app.pdf.co/documentation/api
    Const API_KEY As String = "*****"

    ' Direct URLs of image files to convert to PDF document
    Dim SourceFiles As String() = {
        "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/image1.png",
        "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/image2.png"
    }

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

    Sub Main()
    End Sub
End Module
```

```

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

' Set API Key
webClient.Headers.Add("x-api-key", API_KEY)

' Prepare URL for `Image To PDF` API call
Dim query As String = Uri.EscapeUriString(String.Format(
    "https://api.pdf.co/v1/pdf/convert/from/image?name={0}&url={1}",
    Path.GetFileName(DestinationFile),
    String.Join(",", SourceFiles)))

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}""")

    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

```

```
<?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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