

# How to convert PDF to XML from uploaded file for PDF to XML API in VB.NET with PDF.co Web API

## How to convert PDF to XML from uploaded file for PDF to XML API in VB.NET: Step By Step Tutorial

Every ByteScout tool contains example VB.NET source codes that you can find here or in the folder with installed ByteScout product. PDF.co Web API was made to help with PDF to XML API in VB.NET. PDF.co Web API is the flexible Web API that includes full set of functions from e-signature requests to data extraction, OCR, images recognition, pdf splitting and pdf splitting. Can also generate barcodes and read barcodes from images, scans and pdf.

VB.NET code samples for VB.NET developers help to speed up the application's code writing when using PDF.co Web API. This VB.NET sample code should be copied and pasted into your project. After doing this just compile your project and click Run. Writing VB.NET application typically includes multiple stages of the software development so even if the functionality works please test it with your data and the production environment.

Our website provides free trial version of PDF.co Web API that includes source code samples to help with your VB.NET project.

VB.NET - 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 = "*****"

    ' Source PDF file
    const SourceFile as String = ".\sample.pdf"
    ' Comma-separated list of page indices (or ranges) to process. Leave empty
for all pages. Example: '0,2-5,7-'.
    const Pages as String = ""
    ' PDF document password. Leave empty for unprotected documents.
    const Password As String = ""
    ' Destination XML file name
    const DestinationFile as String = ".\result.xml"

    Sub Main()
```

```

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

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

' 1. RETRIEVE THE PRESIGNED URL TO UPLOAD THE FILE.
' * If you already have a direct file URL, skip to the step 3.

' Prepare URL for `Get Presigned URL` API call
Dim query As string = Uri.EscapeUriString(string.Format(
    "https://api.pdf.co/v1/file/upload/get-presigned-url?
contenttype=application/octet-stream&name={0}",
    Path.GetFileName(SourceFile)))

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 to use for the file upload
        Dim uploadUrl As string =
json("presignedUrl").ToString()
        ' Get URL of uploaded file to use with later API
calls
        Dim uploadedFileUrl As string =
json("url").ToString()

        ' 2. UPLOAD THE FILE TO CLOUD.

webClient.Headers.Add("content-type",
"application/octet-stream")
webClient.UploadFile(uploadUrl, "PUT", SourceFile) '
You can use UploadData() instead if your file is byte array or Stream

        ' 3. CONVERT UPLOADED PDF FILE TO XML

        ' Prepare URL for `PDF To XML` API call
        query = Uri.EscapeUriString(String.Format(
            "https://api.pdf.co/v1/pdf/convert/to/xml?
name={0}&password={1}&pages={2}&url={3}",
            Path.GetFileName(DestinationFile),
            Password,
            Pages,
            uploadedFileUrl))

        ' Execute request
        response = webClient.DownloadString(query)

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

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

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

```

```
        ' Download XML file
        WebClient.DownloadFile(resultFileUrl,
DestinationFile)

        Console.WriteLine("Generated XML file saved
as ""{0}"" file.", DestinationFile)

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

    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
```

VB.NET - packages.config

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[Read more about PDF.co Web API](#)

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