

# PDF to XML API in VB.NET using PDF.co Web API

## PDF to XML API in VB.NET

Today you are going to learn how to PDF to XML API in VB.NET. 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.

Fast application programming interfaces of PDF.co Web API for VB.NET plus the instruction and the VB.NET code below will help you quickly learn PDF to XML API. In order to implement this functionality, you should copy and paste code below into your app using code editor. Then compile and run your application. Enjoy writing a code with ready-to-use sample VB.NET codes to add PDF to XML API functions using PDF.co Web API in VB.NET.

PDF.co Web API is available as free trial. You may get it from our website along with all other source code samples for VB.NET applications.

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 = "*****"

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

    ' Sample profile that sets advanced conversion options
    ' Advanced options are properties of XMLExtractor class from ByteScout XML Extractor SDK used in the back-end:
    ' 
```

```
192b-c3e31ec4a0ee.htm
```

```
ReadOnly Profiles = File.ReadAllText("profile.json")
```

```
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)
```

```
    ' Prepare URL for `PDF To XML` API call  
    Dim query As String = Uri.EscapeUriString(String.Format(  
        "https://api.pdf.co/v1/pdf/convert/to/xml?name={0}&password={1}&pages=  
{2}&url={3}&profiles={4}",  
        Path.GetFileName(DestinationFile),  
        Password,  
        Pages,  
        SourceFileUrl,  
        Profiles))
```

```
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 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
```

```
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
```



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