

How to read barcode from URL for barcode reader API in VB.NET using PDF.co Web API

Step By Step Tutorial: how to read barcode from URL for barcode reader API in VB.NET

The sample source codes on this page will demonstrate you how to make barcode reader API in VB.NET. PDF.co Web API helps with barcode reader 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 code below will help to learn how to read barcode from URL. Sample code in VB.NET is all you need. Copy-paste it to your the code editor, then add a reference to PDF.co Web API and you are ready to try it! 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.

Trial version of ByteScout is available for free download from our website. This and other source code samples for VB.NET and other programming languages are available.

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Source Code Files:

```

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 URL of source file to search barcodes in.
    Const SourceFileURL As String = "https://bytescout-com.s3.amazonaws.com/files/example-barcode-search-source-1.jpg"
    ' Comma-separated list of barcode types to search.
    ' See valid barcode types in the documentation https://app.pdf.co/documentation/api#barcode-search
    Const BarcodeTypes As String = "Code128,Code39,Interleaved2of5,EAN13"
    ' Comma-separated list of page indices (or ranges) to process. Leave empty for all pages.
    Const Pages As String = ""

```

```

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 `Barcode Reader` API call
    Dim query As String = Uri.EscapeUriString(String.Format(
        "https://api.pdf.co/v1/barcode/read/from/url?types={0}&pages={1}&rectangles={2}&confidence={3}&documentPageIndex={4}&sourceFileURL={5}",
        BarcodeTypes,
        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

            ' Display found barcodes in console
            For Each token As JToken In json("barcodes")
                Console.WriteLine("Found barcode:")
                Console.WriteLine("  Type: " + token("TypeName"))
                Console.WriteLine("  Value: " + token("Value"))
                Console.WriteLine("  Document Page Index: " + token("DocumentPageIndex"))
                Console.WriteLine("  Rectangle: " + token("Rectangle"))
                Console.WriteLine("  Confidence: " + token("Confidence"))
                Console.WriteLine()
            Next

        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 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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