www.bytescout.com

How to read barcode from URL for barcode reader API in VB.NET and ByteScout Cloud API Server

Learn to write code read barcode from URL for barcode reader API in VB.NET: Simple How To Tutorial

These source code samples are listed and grouped by their programming language and functions they use. ByteScout Cloud API Server was designed to assist barcode reader API in VB.NET. ByteScout Cloud API Server is the ready to deploy Web API Server that can be deployed in less than thirty minutes into your own in-house Windows server (no Internet connnection is required to process data!) or into private cloud server. Can store data on in-house local server based storage or in Amazon AWS S3 bucket. Processing data solely on the server using built-in ByteScout powered engine, no cloud services are used to process your data!.

Want to learn quickly? These fast application programming interfaces of ByteScout Cloud API Server for VB.NET plus the instruction and the code below will help to learn how to read barcode from URL. Open your VB.NET project and simply copy & paste the code and then run your app! Enjoy writing a code with ready-to-use sample VB.NET codes to add barcode reader API functions using ByteScout Cloud API Server in VB.NET.

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

FOR MORE INFORMATION AND FREE TRIAL:

Download Free Trial SDK (on-premise version)

Read more about ByteScout Cloud API Server

Explore API Documentation

Get Free Training for ByteScout Cloud API Server

Get Free API key for Web API

visit www.ByteScout.com

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|An
		{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

```
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 file to search barcodes in.
	Const SourceFileURL As String = "https://bytescout-com.s3.amazonaws.com/files/c
	' Comma-separated list of barcode types to search.
	Const BarcodeTypes As String = "Code128,Code39,Interleaved2of5,EAN13"
	' Comma-separated list of page indices (or ranges) to process. Leave empty for
	Const Pages As String = ""
```

```
        Sub Main()

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

                ' Prepare URL for `Barcode Reader` API call
                Dim query As String = Uri.EscapeUriString(String.Format(
                        "https://localhost/barcode/read/from/url?types={0}&pages={1}&u
                        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: " +
                                        Console.WriteLine("  Rectangle: " + token("Rec
                                        Console.WriteLine("  Confidence: " + token("Co
                                        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

ON-PREMISE OFFLINE SDK

60 Day Free Trial or Visit ByteScout Cloud API Server Home Page
Explore ByteScout Cloud API Server Documentation
Explore Samples
Sign Up for ByteScout Cloud API Server Online Training

ON-DEMAND REST WEB API

Get Your API Key
Explore Web API Docs
Explore Web API Samples

visit www.ByteScout.com

visit www.PDF.co