

How to read barcode from URL for barcode reader API in C# and PDF.co Web API

How to read barcode from URL for barcode reader API in C#: How To Tutorial

Here you may find thousands pre-made source code pieces for easy implementation in your own programming projects. PDF.co Web API helps with barcode reader API in C#. 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.

This rich sample source code in C# for PDF.co Web API includes the number of functions and options you should do calling the API to implement barcode reader API. Sample code in C# 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! Enjoy writing a code with ready-to-use sample C# codes to add barcode reader API functions using PDF.co Web API in C#.

PDF.co Web API - free trial version is on available our website. Also, there are other code samples to help you with your C# application included into trial version.

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Source Code Files:

ByteScoutWebApiExample.sln

```
Microsoft Visual Studio Solution File, Format Version 12.00
# Visual Studio 2013
VisualStudioVersion = 12.0.40629.0
MinimumVisualStudioVersion = 10.0.40219.1
Project("{FAE04EC0-301F-11D3-BF4B-00C04F79EFBC}") = "ByteScoutWebApiExample", "ByteScoutWebApiExample.csproj", "{FAE04EC0-301F-11D3-BF4B-00C04F79EFBC}"
EndProject
Global
    GlobalSection(SolutionConfigurationPlatforms) = preSolution
        Debug|Any CPU = Debug|Any CPU
        Release|Any CPU = Release|Any CPU
    EndGlobalSection
    GlobalSection(ProjectConfigurationPlatforms) = postSolution
        {1E1C2C34-017E-4605-AE2B-55EA3313BE51}.Debug|Any CPU.ActiveCfg = Debug|Any CPU
        {1E1C2C34-017E-4605-AE2B-55EA3313BE51}.Debug|Any CPU.Build.0 = Debug|Any CPU
        {1E1C2C34-017E-4605-AE2B-55EA3313BE51}.Release|Any CPU.ActiveCfg = Release|Any CPU
        {1E1C2C34-017E-4605-AE2B-55EA3313BE51}.Release|Any CPU.Build.0 = Release|Any CPU
    EndGlobalSection
    GlobalSection(SolutionProperties) = preSolution
        HideSolutionNode = FALSE
    EndGlobalSection
EndGlobal
```

Program.cs

```
using System;
using System.IO;
using System.Net;
using Newtonsoft.Json.Linq;

namespace ByteScoutWebApiExample
{
    class Program
    {
        // The authentication key (API Key).
        // Get your own by registering at https://app.pdf.co/documentation/api
        const String API_KEY = "*****";

        // Direct URL of source file (image or PDF) to search barcodes in.
        const string SourceFileURL = "https://bytescout-com.s3.amazonaws.com/f";
        // Comma-separated list of barcode types to search.
        // See valid barcode types in the documentation https://app.pdf.co/doc
        const string BarcodeTypes = "Code128,Code39,InterLeaved2of5,EAN13";
        // Comma-separated list of page indices (or ranges) to process. Leave e
        const string Pages = "";
    }
}
```

```

static void Main(string[] args)
{
    // Create standard .NET web client instance
    WebClient webClient = new WebClient();

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

    // Prepare URL for `Barcode Reader` API call
    string query = Uri.EscapeUriString(string.Format("https://api.p
        BarcodeTypes,
        Pages,
        SourceFileURL));

    try
    {
        // Execute request
        string response = webClient.DownloadString(query);

        // Parse JSON response
        JObject json = JObject.Parse(response);

        if (json["error"].ToObject<bool>() == false)
        {
            // Display found barcodes in console
            foreach (JToken token in json["barcodes"])
            {
                Console.WriteLine("Found barcode:");
                Console.WriteLine("  Type: " + token["
                Console.WriteLine("  Value: " + token["
                Console.WriteLine("  Document Page Inde
                Console.WriteLine("  Rectangle: " + tok
                Console.WriteLine("  Confidence: " + t
                Console.WriteLine();
            }
        }
        else
        {
            // Display service reported error
            Console.WriteLine(json["message"].ToString());
        }
    }
    catch (WebException e)
    {
        // Display request error
        Console.WriteLine(e.ToString());
    }

    webClient.Dispose();

    Console.WriteLine();
    Console.WriteLine("Press any key...");
    Console.ReadKey();
}
}
}

```

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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