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How to convert PDF to XML from URL for PDF to XML API in C# with PDF.co Web API

How to convert PDF to XML from URL for PDF to XML API in C#: How To Tutorial

Today we will explain the steps and algorithm of how to convert PDF to XML from URL and how to make it work in your application. PDF to XML API in C# can be implemented with PDF.co Web API. PDF.co Web API is the Web API with a set of tools for documents manipulation, data conversion, data extraction, splitting and merging of documents. Includes image recognition, built-in OCR, barcode generation and barcode decoders to decode bar codes from scans, pictures and pdf.

C# code samples for C# developers help to speed up the application's code writing when using PDF.co Web API. Open your C# project and simply copy & paste the code and then run your app! Writing C# 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 C# and other programming languages are available.

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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", "ByteScou
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
		{1E1C2C34-017E-4605-AE2B-55EA3313BE51}.Debug|Any CPU.Build.0 = Debug|Ar
		{1E1C2C34-017E-4605-AE2B-55EA3313BE51}.Release|Any CPU.ActiveCfg = Rele
		{1E1C2C34-017E-4605-AE2B-55EA3313BE51}.Release|Any CPU.Build.0 = Releas
	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 PDF file.
		const string SourceFileUrl = "https://bytescout-com.s3.amazonaws.com/f
		// Comma-separated list of page indices (or ranges) to process. Leave
		const string Pages = "";
		// PDF document password. Leave empty for unprotected documents.
		const string Password = "";
		// Destination XML file name
		const string DestinationFile = @".\result.xml";
```

```
            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 `PDF To XML` API call
                    string query = Uri.EscapeUriString(string.Format(
                            "https://api.pdf.co/v1/pdf/convert/to/xml?name={0}&pass
                            Path.GetFileName(DestinationFile),
                            Password,
                            Pages,
                            SourceFileUrl));

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

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

                            if (json["error"].ToObject<bool>() == false)
                            {
                                    // Get URL of generated XML file
                                    string resultFileUrl = json["url"].ToString();

                                    // Download XML file
                                    webClient.DownloadFile(resultFileUrl, Destinat

                                    Console.WriteLine("Generated XML file saved as
                            }
                            else
                            {
                                    Console.WriteLine(json["message"].ToString());
                            }
                    }
                    catch (WebException e)
                    {
                            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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