

PDF to XML API in C# using PDF.co Web API

How to use PDF.co Web API for PDF to XML API in C#

On this page you will learn from code samples for programming in C#. PDF.co Web API helps with PDF to XML 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.

C#, code samples for C#, developers help to speed up the application development and writing a code when using PDF.co Web API. C# sample code is all you need: copy and paste the code to your C# application's code editor, add a reference to PDF.co Web API (if you haven't added yet) and you are ready to go! Code testing will allow the function to be tested and work properly with your data.

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

C# - 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/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 string Pages = "";
        // PDF document password. Leave empty for unprotected documents.
        const string Password = "";
        // Destination XML file name
        const string DestinationFile = @".\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:

```
// https://cdn.bytescout.com/help/BytescoutPDFExtractorSDK/html/6f2b5e9c-
ba15-f9fe-192b-c3e31ec4a0ee.htm
static string Profiles = File.ReadAllText("profile.json");

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}&password={1}&pages={2}&url={3}&profiles={4}",
        Path.GetFileName(DestinationFile),
        Password,
        Pages,
        SourceFileUrl,
        Profiles));

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

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

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

            // Download XML file
            webClient.DownloadFile(resultFileUrl,
DestinationFile);

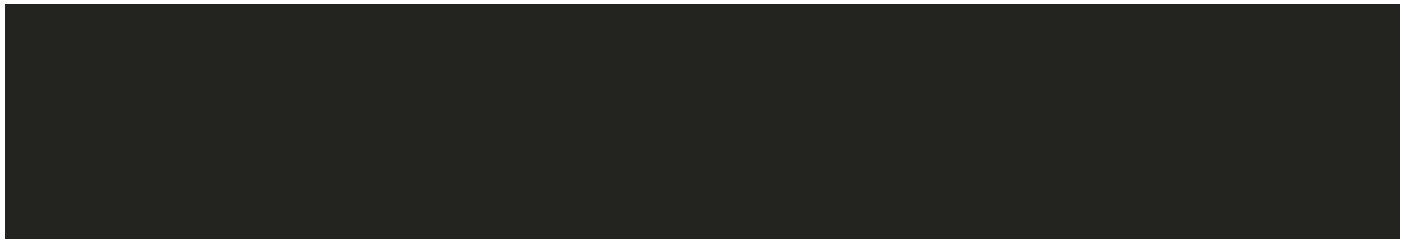
            Console.WriteLine("Generated XML file saved
as \"{0}\" file.", DestinationFile);
        }
        else
        {
            Console.WriteLine(json["message"].ToString());
        }
    }
    catch (WebException e)
    {
        Console.WriteLine(e.ToString());
    }

    webClient.Dispose();

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

```
        Console.ReadKey();  
    }  
}
```

C# - packages.config



FOR MORE INFORMATION AND FREE TRIAL:

[Download Free Trial SDK \(on-premise version\)](#)

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