

# How to convert PDF to XML from uploaded file for PDF to XML API in C# and PDF.co Web API

## Step By Step Tutorial: how to convert PDF to XML from uploaded file for PDF to XML API in C#

The documentation is designed to help you to implement the features on your side. 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's code writing when using PDF.co Web API. Follow the instruction and copy - paste code for C# into your project's code editor. Enjoy writing a code with ready-to-use sample C# codes to add PDF to XML API functions using PDF.co Web API in C#.

Our website provides free trial version of PDF.co Web API that includes source code samples to help with your C# project.

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 = "*****";

        // Source PDF file
        const string SourceFile = @".\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";

        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);

        // 1. RETRIEVE THE PRESIGNED URL TO UPLOAD THE FILE.
        // * If you already have a direct file URL, skip to the step
3.

        // Prepare URL for `Get Presigned URL` API call
        string query = Uri.EscapeUriString(string.Format(
            "https://api.pdf.co/v1/file/upload/get-presigned-url?
contenttype=application/octet-stream&name={0}",
            Path.GetFileName(SourceFile)));

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

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

            if (json["error"].ToObject() == false)
            {
                // Get URL to use for the file upload
                string uploadUrl =
                json["presignedUrl"].ToString();
                string uploadedFileUrl =
                json["url"].ToString();

                // 2. UPLOAD THE FILE TO CLOUD.

                webClient.Headers.Add("content-type",
"application/octet-stream");
                webClient.UploadFile(uploadUrl, "PUT",
SourceFile); // You can use UploadData() instead if your file is byte[] or Stream
                webClient.Headers.Remove("content-type");

                // 3. CONVERT UPLOADED PDF FILE TO XML

                // Prepare URL for `PDF To XML` API call
                query = Uri.EscapeUriString(string.Format(
"https://api.pdf.co/v1/pdf/convert/to/xml?name={0}&password={1}&pages={2}&url={3}",
                    Path.GetFileName(DestinationFile),
                    Password,
                    Pages,
                    uploadedFileUrl));

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

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

                if (json["error"].ToObject() == false)
                {

```

```

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

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

```

```

// Get URL of generated XML file
string resultFileUrl =

```

```

// Download XML file
webClient.DownloadFile(resultFileUrl,

```

```

Console.WriteLine("Generated XML file

```

C# - packages.config



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

[Read more about PDF.co Web API](#)

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[Visit \[www.ByteScout.com\]\(http://www.ByteScout.com\)](#)

or

[Get Your Free API Key for \[www.PDF.co\]\(http://www.PDF.co\) Web API](#)