

How to split PDF from URL for PDF splitting API in C# with PDF.co Web API

How to split PDF from URL for PDF splitting API in C#: Step By Step Tutorial

Today we will explain the steps and algorithm of how to split PDF from URL and how to make it work in your application. PDF.co Web API was made to help with PDF splitting 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 PDF splitting API. For implimentation of this functionality, please copy and paste code below into your app using code editor. Then compile and run your app. Further enhancement of the code will make it more vigorous.

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 = "*****";

        // Source PDF file to split
        const string SourceFileUrl = @"https://bytescout-com.s3.amazonaws.com/";
        // Comma-separated list of page numbers (or ranges) to process. Example: "1,2,3-4"
        const string Pages = "1-2,3-";

        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);

try
{
    // Prepare URL for `Split PDF` API call
    string query = Uri.EscapeUriString(String.Format(
        "https://api.pdf.co/v1/pdf/split?pages={0}&url={1}&sourceFileUrl={2}",
        Pages,
        SourceFileUrl));

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

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

    if (json["error"].ToObject<bool>() == false)
    {
        // Download generated PDF files
        int part = 1;
        foreach (JToken token in json["urls"])
        {
            string resultFileUrl = token.ToString();
            string localFileName = String.Format("pdf_{0}_{1}.pdf", part, token.ToString());

            webClient.DownloadFile(resultFileUrl, localFileName);

            Console.WriteLine("Downloaded \"{0}\".", localFileName);
            part++;
        }
    }
    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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