

## How to split PDF from URL for PDF splitting API in C# with ByteScout Cloud API Server

### Learn to write code split PDF from URL for PDF splitting API in C#: Simple How To Tutorial

If you want a quick and easy way to add a required functionality into your application then check this sample source code documentation. ByteScout Cloud API Server helps with PDF splitting API in C#. ByteScout Cloud API Server is the ready to use Web API Server that can be deployed in less than 30 minutes into your own in-house server or into private cloud server. Can store data on in-house local server based storage or in Amazon AWS S3 bucket. Processing data solely on the server using built-in ByteScout powered engine, no cloud services are used to process your data!.

Want to learn quickly? These fast application programming interfaces of ByteScout Cloud API Server for C# plus the instruction and the code below will help to learn how to split PDF from URL. Follow the tutorial and copy - paste code for C# into your project's code editor. Want to see how it works with your data then code testing will allow the function to be tested and work properly.

Our website provides free trial version of ByteScout Cloud API Server that gives source code samples to assist with your C# project.

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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", "{1E1C2C34-017E-4605-AE2B-55EA3313BE51}"
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;

// Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://localhost:4431/"
// If it's not then please replace this with with your hosting url.
namespace ByteScoutWebApiExample
{
    class Program
    {
        // Source PDF file to split
        const string SourceFileUrl = @"https://bytescout-com.s3.amazonaws.com/files/example-files/sample1.pdf";
        // Comma-separated list of page numbers (or ranges) to process. Example: "1-2,3-";
        const string Pages = "1-2,3-";

        static void Main(string[] args)
        {
            // Create standard .NET web client instance
        }
    }
}
```

```

WebClient webClient = new WebClient();

try
{
    // Prepare URL for `Split PDF` API call
    string query = Uri.EscapeUriString(string.Format(
        "https://localhost/pdf/split?pages={0}&url={1}",
        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(
                @"{0}_{1}.pdf",
                token.ToString(),
                part);
            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();
}
}
}

```

```
<?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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