

How to convert PDF to CSV from URL for PDF to CSV API in C# and ByteScout Cloud API Server

How to convert PDF to CSV from URL in C# with easy ByteScout code samples to make PDF to CSV API. Step-by-step tutorial

Every ByteScout tool includes sample C# source codes that you can find here or in the folder with installed ByteScout product. ByteScout Cloud API Server was designed to assist PDF to CSV 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!.

This simple and easy to understand sample source code in C# for ByteScout Cloud API Server contains different functions and options you should do calling the API to implement PDF to CSV API. For implementation of this functionality, please copy and paste the code below into your app using code editor. Then compile and run your app. You can use these C# sample examples in one or many applications.

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", "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
    {
        // Direct URL of source PDF file.
        const string SourceFileUrl = "https://bytescout-com.s3.amazonaws.com/files/example.pdf";
        // Comma-separated list of page indices (or ranges) to process. Leave empty for all pages.
        const string Pages = "";
        // PDF document password. Leave empty for unprotected documents.
        const string Password = "";
        // Destination CSV file name
        const string DestinationFile = @".\result.csv";
    }
}
```

```

static void Main(string[] args)
{
    // Create standard .NET web client instance
    WebClient webClient = new WebClient();

    // Prepare URL for `PDF To CSV` API call
    string query = Uri.EscapeUriString(string.Format(
"https://localhost/pdf/convert/to/csv?name={0}&password={1}&pages={2}&
    Path.GetFileName(DestinationFile),
    Password,
    Pages,
    SourceFileUrl));

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

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

        if (json["status"].ToString() != "error")
        {
            // Get URL of generated CSV file
            string resultFileUrl = json["url"].ToString();

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

            Console.WriteLine("Generated CSV file saved as " + 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();
}
}
}

```

```
<?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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