www.bytescout.com

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

Follow this simple tutorial to learn convert CSV to PDF from URL asynchronously to have CSV to PDF API in C#

Check these thousands of pre-made source code samples for simple implementation in your own programming projects. CSV to PDF API in C# can be applied with ByteScout Cloud API Server. 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 buil-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 CSV to PDF API. Open your C# project and simply copy & paste the code and then run your app! You can use these C# sample examples in one or many applications.

ByteScout Cloud API Server - free trial version is available on our website. Also, there are other code samples to help you with your C# application included into trial version.

FOR MORE INFORMATION AND FREE TRIAL:

Download Free Trial SDK (on-premise version)

Read more about ByteScout Cloud API Server

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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", "ByteScou
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
                {1E1C2C34-017E-4605-AE2B-55EA3313BE51}.Debug|Any CPU.Build.0 = Debug|A
                {1E1C2C34-017E-4605-AE2B-55EA3313BE51}.Release|Any CPU.ActiveCfg = Rele
                {1E1C2C34-017E-4605-AE2B-55EA3313BE51}.Release|Any CPU.Build.0 = Releas
        EndGlobalSection
        GlobalSection(SolutionProperties) = preSolution
                HideSolutionNode = FALSE
        EndGlobalSection
EndGlobal
```

Program.cs

```
using System;
using System.IO;
using System.Net;
using System.Threading;
using Newtonsoft.Json.Linq;

// Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://l
// If it's not then please replace this with with your hosting url.

// Cloud API asynchronous "CSV To PDF" job example.
// Allows to avoid timeout errors when processing huge or scanned PDF documents.

namespace ByteScoutWebApiExample
{
        class Program
        {
                // Direct URL of source CSV file.
                const string SourceFileUrl = "https://bytescout-com.s3.amazonaws.com/f
                // Destination PDF file name
```

```
const string DestinationFile = @".\result.pdf";
// (!) Make asynchronous job
const bool Async = true;

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

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

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

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

                if (json["error"].ToObject<bool>() == false)
                {
                        // Asynchronous job ID
                        string jobId = json["jobId"].ToString();
                        // URL of generated PDF file that will availab
                        string resultFileUrl = json["url"].ToString();

                        // Check the job status in a loop.
                        // If you don't want to pause the main thread y
                        // to use a separate thread for the status che
                        do
                        {
                                string status = CheckJobStatus(jobId);

                                // Display timestamp and status (for de
                                Console.WriteLine(DateTime.Now.ToLongT

                                if (status == "success")
                                {
                                        // Download PDF file
                                        webClient.DownloadFile(resultF

                                        Console.WriteLine("Generated PD
                                        break;
                                }
                                else if (status == "working")
                                {
                                        // Pause for a few seconds
                                        Thread.Sleep(3000);
                                }
                                else
                                {
                                        Console.WriteLine(status);
                                        break;
                                }
                        }
```

```
                                        while (true);
                                }
                                else
                                {
                                        Console.WriteLine(json["message"].ToString());
                                }
                        }
                        catch (WebException e)
                        {
                                Console.WriteLine(e.ToString());
                        }

                        webClient.Dispose();

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

                static string CheckJobStatus(string jobId)
                {
                        using (WebClient webClient = new WebClient())
                        {
                                string url = "https://localhost/job/check?jobid=" + job

                                string response = webClient.DownloadString(url);
                                JObject json = JObject.Parse(response);

                                return Convert.ToString(json["status"]);
                        }
                }
        }
}
```

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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