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How to convert PDF to HTML from URL asynchronously for PDF to HTML API in C# with PDF.co Web API

See how to convert PDF to HTML from URL asynchronously to have PDF to HTML API in C#

Here you may find thousands pre-made source code pieces for easy implementation in your own programming projects. PDF.co Web API helps with PDF to HTML API in C#. PDF.co Web API is the Rest API that provides set of data extraction functions, tools for documents manipulation, splitting and merging of pdf files. Includes built-in OCR, images recognition, can generate 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 to HTML API. For implimentation of this functionality, please copy and paste code below into your app using code editor. Then compile and run your app. Test C# sample code examples whether they respond your needs and requirements for the project.

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", "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 = Rel
                {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 Newtonsoft.Json.Linq;
using System.Threading;


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

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 = "**********************************";

                // Direct URL of source PDF file.
                const string SourceFileUrl = "https://bytescout-com.s3.amazonaws.com/f
                // Comma-separated list of page indices (or ranges) to process. Leave
```

```
const string Pages = "";
// PDF document password. Leave empty for unprotected documents.
const string Password = "";
// Destination HTML file name
const string DestinationFile = @".\result.html";
// Set to `true` to get simplified HTML without CSS. Default is the ri
const bool PlainHtml = false;
// Set to `true` if your document has the column layout like a newspap
const bool ColumnLayout = false;
// (!) Make asynchronous job
const bool Async = true;


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 `PDF To HTML` API call
                String query = Uri.EscapeUriString(string.Format(
                        "https://api.pdf.co/v1/pdf/convert/to/html?nam
                        Path.GetFileName(DestinationFile),
                        Password,
                        Pages,
                        PlainHtml,
                        ColumnLayout,
                        SourceFileUrl,
                        Async));

                // 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 HTML file that will availa
                        string resultFileUrl = json["url"].ToString();

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

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

                                if (status == "success")
                                {
                                        // Download HTML file
```

```
                                        webClient.DownloadFile(resultF
                                        Console.WriteLine("Generated H
                                        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())
        {
                // Set API Key
    webClient.Headers.Add("x-api-key", API_KEY);

                string url = "https://api.pdf.co/v1/job/check?jobid=" +

                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