

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

Learn to write code convert PDF to HTML from URL asynchronously for PDF to HTML API in C#: Simple How To Tutorial

The documentation is written to assist you to apply all the necessary features on your side. ByteScout Cloud API Server was designed to assist PDF to HTML API in C#. ByteScout Cloud API Server is API server that is ready to use and can be installed and deployed in less than 30 minutes on your own Windows server or server in a cloud. It can save data and files on your local server-based file storage or in Amazon AWS S3 storage. Data is processed solely on the API server and is powered by ByteScout engine, no cloud services or Internet connection is required for data processing..

If you want to speed up the application's code writing then C# code samples for C# developers help to implement using ByteScout Cloud API Server. This sample code in C# is all you need. Just copy-paste it to the code editor, then add a reference to ByteScout Cloud API Server and you are ready to try it! Further improvement of the code will make it more robust.

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

FOR MORE INFORMATION AND FREE TRIAL:

[Download Free Trial SDK \(on-premise version\)](#)

[Read more about ByteScout Cloud API Server](#)

[Explore API Documentation](#)

[Get Free Training for ByteScout Cloud API Server](#)

[Get Free API key for Web API](#)

[visit www.Bytescout.com](http://www.Bytescout.com)

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;
using System.Threading;

// Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://localhost:8080/"
// If it's not then please replace this with with your hosting url.

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

    try
    {
        // Prepare URL for `PDF To HTML` API call
        String query = Uri.EscapeUriString(String.Format(
            "https://localhost/pdf/convert/to/html?name={0}&password={1}&pages={2}&plainhtml={3}&columnlayout={4}&sourcefileurl={5}&async={6}",
            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 be available
            string resultFileUrl = json["url"].ToString();

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

                // Display timestamp and status (for debugging)
                Console.WriteLine(DateTime.Now.ToLongTimeString() + " Status: " + status);

                if (status == "success")
                {
                    // Download HTML file
                    webClient.DownloadFile(resultFileUrl, DestinationFile);

                    Console.WriteLine("Generated HTML file: " + DestinationFile);
                    break;
                }
            }
        }
    }
}

```


</packages>

VIDEO

<https://www.youtube.com/watch?v=NEwNs2b9YN8>

ON-PREMISE OFFLINE SDK

[60 Day Free Trial](#) or [Visit ByteScout Cloud API Server Home Page](#)
[Explore ByteScout Cloud API Server Documentation](#)
[Explore Samples](#)
[Sign Up for ByteScout Cloud API Server Online Training](#)

ON-DEMAND REST WEB API

[Get Your API Key](#)
[Explore Web API Docs](#)
[Explore Web API Samples](#)

[visit www.ByteScout.com](http://www.ByteScout.com)

[visit www.PDF.co](http://www.PDF.co)

www.bytescout.com