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

Step-by-step tutorial: How to convert PDF to HTML from URL to have PDF to HTML API in C#

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..

The SDK samples displayed below explain how to quickly make your application do PDF to HTML API in C# with the help of ByteScout Cloud API Server. This C# sample code can be used by copying and pasting into your project. Once done, just compile your project and click Run. Want to see how it works with your data then code testing will allow the function to be tested and work properly.

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", {A8A8A8A8-A8A8-A8A8-A8A8-A8A8A8A8A8A8}
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:44318"
// 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/demo-files/cloud-api/PDF-to-HTML%20-%20Sample.pdf";
        // Comma-separated list of page indices (or ranges) to process. Leave empty to process 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 rich version
const bool PlainHtml = false;
// Set to `true` if your document has the column layout like a newspaper
const bool ColumnLayout = false;

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}&path={1}&password={2}&pages={3}&plainhtml={4}&columnlayout={5}&sourcefileurl={6}"),
            Path.GetFileName(DestinationFile),
            Password,
            Pages,
            PlainHtml,
            ColumnLayout,
            SourceFileUrl));
    }

    // Execute request
    String response = webClient.DownloadString(query);

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

    if (json["error"].ToObject<bool>() == false)
    {
        // Get URL of generated HTML file
        string resultFileUrl = json["url"].ToString();

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

        Console.WriteLine("Generated HTML file saved at " + resultFileUrl);
    }
    else
    {
        Console.WriteLine(json["message"].ToString());
    }
}

catch (WebException e)
{
    Console.WriteLine(e.ToString());
}

webClient.Dispose();

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

}
```

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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