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

Step By Step Instructions on how to convert PDF to TIFF from URL for PDF to image API in C#

These simple tutorials explain the code material for beginners and advanced programmers who are using C#. ByteScout Cloud API Server was designed to assist PDF to image API in C#. ByteScout Cloud API Server is the ready to deploy Web API Server that can be deployed in less than thirty minutes into your own in-house Windows server (no Internet connection is required to process data!) 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!.

Want to learn quickly? These fast application programming interfaces of ByteScout Cloud API Server for C# plus the instruction and the code below will help to learn how to convert PDF to TIFF from URL. 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! Enjoy writing a code with ready-to-use sample C# codes to add PDF to image API functions using ByteScout Cloud API Server in C#.

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:

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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 your hosting url.
namespace ByteScoutWebApiExample
{
    class Program
    {
        // Direct URL of source PDF file.
        const string SourceFileDialog = "https://bytescout-com.s3.amazonaws.com/files/b8e3d183-492a-486f-bc4b-346a8a09ec6d/Banana_PDF_to_TIFF_Converter.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 TIFF file name
        const string DestinationFile = "Banana_PDF_to_TIFF_Converter_out.tiff";
```

```

const string DestinationFile = @".\result.tif";

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

    // Prepare URL for `PDF To TIFF` API call
    string query = Uri.EscapeUriString(string.Format(
        "https://localhost/pdf/convert/to/tiff?name={0}&password={1}&path={2}&password={3}&pages={4}&sourcefileurl={5}",
        Path.GetFileName(DestinationFile),
        Password,
        Pages,
        SourceFilePath));
}

try
{
    // 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 TIFF file
        string resultImageUrl = json["url"].ToString();

        // Download TIFF file
        webClient.DownloadFile(resultImageUrl, DestinationFile);

        Console.WriteLine("Generated TIFF 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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