www.bytescout.com

How to add text and images to PDF in C# and ByteScout Cloud API Server

Learn to code in C# to add text and images to PDF with this step-by-step tutorial

Sample source code below will display you how to manage a complex task like add text and images to PDF 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.. It can be applied to add text and images to PDF using C#.

Want to quickly learn? This fast application programming interfaces of ByteScout Cloud API Server for C# plus the guidelines and the code below will help you quickly learn how to add text and images to PDF. This C# sample code is all you need for your app. Just copy and paste the code, add references (if needs to) and you are all set! Check C# sample code samples to see if they respond to your needs and requirements for the project.

You can download free trial version of ByteScout Cloud API Server from our website with this and other source code samples for C#.

FOR MORE INFORMATION AND FREE TRIAL:

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Source Code Files:

AddTextToExistingPDF.sln

```
Microsoft Visual Studio Solution File, Format Version 12.00
# Visual Studio 15
VisualStudioVersion = 15.0.26730.10
MinimumVisualStudioVersion = 10.0.40219.1
Project("{FAE04EC0-301F-11D3-BF4B-00C04F79EFBC}") = "AddTextToExistingPDF", "AddTextToE
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|An
                {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
        GlobalSection(ExtensibilityGlobals) = postSolution
                SolutionGuid = {238BD6FC-F70A-4B5C-B639-34E5B171A981}
        EndGlobalSection
EndGlobal
```

Program.cs

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

namespace ByteScoutWebApiExample
{
    // Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https
    // If it's not then please replace this with with your hosting url.
        class Program
        {
        // Direct URL of source PDF file.
        const string SourceFileUrl = "https://bytescout-com.s3.amazonaws.com/files/demo
                // Comma-separated list of page indices (or ranges) to process. Leave e
                const string Pages = "";
                // PDF document password. Leave empty for unprotected documents.
```

```
        const string Password = "";

    // Destination PDF file name
        const string DestinationFile = @".\result.pdf";

    // Text annotation params
    private const string Type2 = "annotation";
    private const int X2 = 400;
    private const int Y2 = 600;
    private const string Text = "APPROVED";
    private const string FontName = "Times New Roman";
    private const float FontSize = 24;
    private const string Color = "FF0000";


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


        // * Add text annotation *

                // Prepare URL for `PDF Edit` API call
                string query = Uri.EscapeUriString(string.Format(
                        "https://localhost/pdf/edit/add?name={0}&password={1}&p
                        Path.GetFileName(DestinationFile),
                        Password,
                        Pages,
                        SourceFileUrl,
            Type2,
            X2,
            Y2,
            Text,
            FontName,
            FontSize,
            Color));

                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 PDF file
                                string resultFileUrl = json["url"].ToString();

                                // Download PDF file
                                webClient.DownloadFile(resultFileUrl, Destinat

                                Console.WriteLine("Generated PDF file saved as
                        }
                        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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