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How to add text and images to PDF in C# using PDF.co Web API

How to add text and images to PDF in C#

This sample source code below will demonstrate you how to add text and images to PDF in C#. PDF.co Web API: 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. It can add text and images to PDF in C#.

You will save a lot of time on writing and testing code as you may just take the C# code from PDF.co Web API for add text and images to PDF below and use it in your application. In order to implement the functionality, you should copy and paste this code for C# below into your code editor with your app, compile and run your application. Enjoy writing a code with ready-to-use sample C# codes.

Free trial version of PDF.co Web API is available on our website. Documentation and source code samples are included.

FOR MORE INFORMATION AND FREE TRIAL:

Download Free Trial SDK (on-premise version)

Read more about PDF.co Web API

Explore API Documentation

Get Free Training for PDF.co Web API

Get Free API key for Web API

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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", "AddTextTo
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
	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
{
	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/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();

                        // Set API Key
                        webClient.Headers.Add("x-api-key", API_KEY);

            // * Add text annotation *

                        // Prepare URL for `PDF Edit` API call
                        string query = Uri.EscapeUriString(string.Format(
                                "https://api.pdf.co/v1/pdf/edit/add?name={0}&password=
                                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

Get Your API Key
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