How to PDF make searchable API in C# using PDF.co Web API

This code in C# shows how to PDF make searchable API with this how to tutorial

Sample source code below will show you how to cope with a difficult task like PDF make searchable API in C#. Want to PDF make searchable API in your C# app? PDF.co Web API is designed for it. PDF.co Web API is 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.

The SDK samples like this one below explain how to quickly make your application do PDF make searchable API in C# with the help of PDF.co Web API. Just copy and paste the code into your C# application's code and follow the instruction. Further enhancement of the code will make it more vigorous.

Free trial version of PDF.co Web API is available for download from our website. Get it to try other source code samples for C#.

C# - 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 = "**********************************";

                // Source PDF file
                const string SourceFile = @".\sample.pdf";
                // Comma-separated list of page indices (or ranges) to process. Leave
empty for all pages. Example: '0,2-5,7-'.
                const string Pages = "";
                // PDF document password. Leave empty for unprotected documents.
                const string Password = "";
                // OCR language. "eng", "fra", "deu", "spa"  supported currently. Let
us know if you need more.
                const string Language = "eng";
                // Destination PDF file name
                const string DestinationFile = @".\result.pdf";
```

```
        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);

                // 1. RETRIEVE THE PRESIGNED URL TO UPLOAD THE FILE.
                // * If you already have a direct file URL, skip to the step
3.

                // Prepare URL for `Get Presigned URL` API call
                string query = Uri.EscapeUriString(string.Format(
                        "https://api.pdf.co/v1/file/upload/get-presigned-url?
contenttype=application/octet-stream&name={0}",
                        Path.GetFileName(SourceFile)));

                try
                {
                        // Execute request
                        string response = webClient.DownloadString(query);

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

                        if (json["error"].ToObject() == false)
                        {
                                // Get URL to use for the file upload
                                string uploadUrl =
json["presignedUrl"].ToString();
                                string uploadedFileUrl =
json["url"].ToString();

                                // 2. UPLOAD THE FILE TO CLOUD.

                                webClient.Headers.Add("content-type",
"application/octet-stream");
                                webClient.UploadFile(uploadUrl, "PUT",
SourceFile); // You can use UploadData() instead if your file is byte[] or Stream

                                // 3. MAKE UPLOADED PDF FILE SEARCHABLE

                                // Prepare URL for `Make Searchable PDF` API
call
                                query = Uri.EscapeUriString(string.Format(

"https://api.pdf.co/v1/pdf/makesearchable?name={0}&password={1}&pages={2}&lang=
{3}&url={4}",
                                        Path.GetFileName(DestinationFile),
                                        Password,
                                        Pages,
                                        Language,
                                        uploadedFileUrl));

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

                                // Parse JSON response
```

```
                                        json = JObject.Parse(response);

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

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

                                                Console.WriteLine("Generated PDF file
saved as \"{0}\" file.", DestinationFile);
                                        }
                                        else
                                        {

Console.WriteLine(json["message"].ToString());
                                        }
                                }
                                else
                                {

Console.WriteLine(json["message"].ToString());
                                }
                        }
                        catch (WebException e)
                        {
                                Console.WriteLine(e.ToString());
                        }

                        webClient.Dispose();


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

C# - packages.config

```
```

FOR MORE INFORMATION AND FREE TRIAL:

Download Free Trial SDK (on-premise version)

Read more about PDF.co Web API

Explore documentation

Visit www.ByteScout.com

or

Get Your Free API Key for www.PDF.co Web API