

How to convert PDF to PNG from URL for PDF to image API in C# with PDF.co Web API

Learn how to convert PDF to PNG from URL to have PDF to image API in C#

Today we will explain the steps and algorithm of how to convert PDF to PNG from URL and how to make it work in your application. PDF.co Web API was made to help with PDF to image API in C#. PDF.co Web API is the Web API with a set of tools for documents manipulation, data conversion, data extraction, splitting and merging of documents. Includes image recognition, built-in OCR, barcode generation and barcode decoders to decode bar codes from scans, pictures and pdf.

You will save a lot of time on writing and testing code as you may just take the code below and use it in your application. Open your C# project and simply copy & paste the code and then run your app! Enjoy writing a code with ready-to-use sample C# codes to add PDF to image API functions using PDF.co Web API in C#.

PDF.co Web API - free trial version is on available our website. Also, there are other code samples to help you with your C# application included into trial version.

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 SourceFileUrl = @"https://bytescout-
com.s3.amazonaws.com/files/demo-files/cloud-api/pdf-to-image/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 = "";

        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);

        try
        {
            // Prepare URL for `PDF To PNG` API call
            string query = Uri.EscapeUriString(string.Format(
                "https://api.pdf.co/v1/pdf/convert/to/png?
password={0}&pages={1}&url={2}",
                Password,
                Pages,
                SourceFileUrl));

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

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

            if (json["error"].ToObject() == false)
            {
                // Download generated PNG files
                int page = 1;
                foreach (JToken token in json["urls"])
                {
                    string resultFileUrl =
                        token.ToString();
                    string localFileName =
                        String.Format(@".\page{0}.png", page);

                    webClient.DownloadFile(resultFileUrl,
                        localFileName);

                    Console.WriteLine("Downloaded \
{0}\\".", localFileName);

                    page++;
                }
            }
            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](#)

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[Get Your Free API Key for www.PDF.co Web API](#)