

How to make thumbnail from pdf with pdf renderer sdk in C# and ByteScout Premium Suite

Learn to make thumbnail from pdf with pdf renderer sdk in C#

Every ByteScout tool includes simple example C# source codes that you can get here or in the folder with installed ByteScout product. ByteScout Premium Suite is the set that includes 12 SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording. It can be applied to make thumbnail from pdf with pdf renderer sdk using C#.

Want to save time? You will save a lot of time on writing and testing code as you may just take the C# code from ByteScout Premium Suite for make thumbnail from pdf with pdf renderer sdk below and use it in your application. 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! Enjoy writing a code with ready-to-use sample codes in C#.

Trial version of ByteScout Premium Suite is available for free. Source code samples are included to help you with your C# app.

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Source Code Files:

Program.cs

```
using System.Drawing;
using System.Diagnostics;
using Bytescout.PDFRenderer;

namespace MakeThumbnail
{
    static class Program
    {
        static void Main()
        {
            // Create an instance of Bytescout.PDFRenderer.RasterRenderer object and render PDF document
            RasterRenderer renderer = new RasterRenderer();
            renderer.RegistrationName = "demo";
            renderer.RegistrationKey = "demo";

            // Load PDF document
            renderer.LoadDocumentFromFile("multipage.pdf");

            // Get size of the page in Points (standard PDF document units; 1 Point = 1/72 inch)
            RectangleF rectangle = renderer.GetPageRectangle(0);

            int width, height;

            if (rectangle.Width < rectangle.Height) // portrait page orientation
            {
                width = -1; // width will be calculated from height keeping the aspect ratio
                height = 100;
            }
            else // landscape page orientation
            {
                width = 100;
                height = -1; // height will be calculated from width keeping the aspect ratio
            }

            // Render first page of the document to JPEG image file
            renderer.Save("thumbnail.jpg", RasterImageFormat.JPEG, 0, width, height);

            // Cleanup
            renderer.Dispose();

            // Open result document in default associated application (for demo purposes)
            ProcessStartInfo processStartInfo = new ProcessStartInfo("thumbnail.jpg");
            processStartInfo.UseShellExecute = true;
            Process.Start(processStartInfo);
        }
    }
}
```

VIDEO

<https://www.youtube.com/watch?v=NEwNs2b9YN8>

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