How to set clipping for drawing in pdf with pdf sdk in C# with ByteScout Premium Suite

Learn to set clipping for drawing in pdf with pdf sdk in C#

These sample source codes on this page below are displaying how to set clipping for drawing in pdf with pdf sdk in C#. ByteScout Premium Suite is the bundle that includes twelve SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording. It can be applied to set clipping for drawing in pdf with pdf sdk using C#.

The following code snippet for ByteScout Premium Suite works best when you need to quickly set clipping for drawing in pdf with pdf sdk in your C# 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! Complete and detailed tutorials and documentation are available along with installed ByteScout Premium Suite if you'd like to learn more about the topic and the details of the API.

If you want to try other source code samples then the free trial version of ByteScout Premium Suite is available for download from our website. Just try other source code samples for C#.

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Source Code Files:

Program.cs

```csharp
using System;
using System.Diagnostics;
using System.Drawing;
using Bytescout.PDF;
using SolidBrush = Bytescout.PDF.SolidBrush;

namespace Clipping
{
    /// <summary>
    /// This example demonstrates how to use the graphics clipping.
    /// </summary>
    class Program
    {
        static void Main()
        {
            // Create new document
            Document pdfDocument = new Document();
            pdfDocument.RegistrationName = "demo";
            pdfDocument.RegistrationKey = "demo";
            // Add page
            Page page = new Page(PaperFormat.A4);
            pdfDocument.Pages.Add(page);

            PointF center = new PointF(200, 200);

            // Create clipping path from circle
            Path path = new Path();
            path.AddCircle(center, 100);
            page.Canvas.SetClip(path);

            // Paint rectangle over the clipping circle.
            // Only part of the rectangle intersecting the clipping circle will be draw
            SolidBrush brush = new SolidBrush(new ColorRGB(255, 0, 0));
            page.Canvas.DrawRectangle(brush, center.X - 50, center.Y - 50, 200, 200);

            // Save document to file
            pdfDocument.Save("result.pdf");

            // Cleanup
            pdfDocument.Dispose();

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

VIDEO

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

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