www.bytescout.com

How to set graphics state for drawing in PDF in C# using ByteScout PDF SDK

How to code in C# to set graphics state for drawing in PDF with this step-by-step tutorial

Sample source code below will show you how to cope with a difficult task like set graphics state for drawing in PDF in C#. ByteScout PDF SDK is the pdf library that can create, update and modify PDF files. Supports text with fonts and style selections, layers, form fields, drawing lines and objects, automatic tables, images. Can be used to create and fill pdf forms. It can be used to set graphics state for drawing in PDF using C#.

C# code samples for C# developers help to speed up coding of your application when using ByteScout PDF SDK. Follow the instructions from the scratch to work and copy the C# code. Code testing will allow the function to be tested and work properly with your data.

Our website provides trial version of ByteScout PDF SDK for free. It also includes documentation and source code samples.

FOR MORE INFORMATION AND FREE TRIAL:

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Source Code Files:

Program.cs

```
using System.Diagnostics;
using Bytescout.PDF;

namespace GraphicsState
{
    /// <summary>
    /// This example demonstrates how to save and restore the graphics state.
    /// </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);

            Canvas canvas = page.Canvas;

            // Keep current graphics state
            canvas.SaveGraphicsState();

            // Transform coordinates and draw rectangle
            canvas.TranslateTransform(200, 200);
            canvas.RotateTransform(45);
            canvas.DrawRectangle(new SolidBrush(new ColorRGB(0, 0, 255)), 0, 0, 100, 1

            // Restore the state and draw the same rectangle
            canvas.RestoreGraphicsState();
            canvas.DrawRectangle(new SolidBrush(new ColorRGB(255, 0, 0)), 200, 200, 10

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

            // Cleanup
            pdfDocument.Dispose();

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

VIDEO

https://www.youtube.com/watch?v=gdsQ0EAqwGQ

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