

How to draw lines and curves in pdf with pdf sdk in C# and ByteScout Premium Suite

How to write a robust code in C# to draw lines and curves in pdf with pdf sdk with this step-by-step tutorial

We made thousands of pre-made source code pieces for easy implementation in your own programming projects. What is ByteScout Premium Suite? It is the set that includes 12 SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording. It can help you to draw lines and curves in pdf with pdf sdk in your C# application.

The SDK samples given below describe how to quickly make your application do draw lines and curves in pdf with pdf sdk in C# with the help of ByteScout Premium Suite. IF you want to implement the functionality, just copy and paste this code for C# below into your code editor with your app, compile and run your application. Enjoy writing a code with ready-to-use sample C# codes.

The trial version of ByteScout Premium Suite can be downloaded for free from our website. It also includes source code samples for C# and other programming languages.

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Source Code Files:

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

namespace LinesAndCurves
{
    /// <summary>
    /// This example demonstrates how to draw lines and curves.
    /// </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;

            SolidPen solidPen = new SolidPen();
            SolidPen dashedPen = new SolidPen();
            dashedPen.DashPattern = new DashPattern(new float[] { 2, 2 });

            // Draw dashed lines
            canvas.DrawLine(dashedPen, 100, 100, 200, 100);
            canvas.DrawLine(dashedPen, 200, 100, 200, 200);
            canvas.DrawLine(dashedPen, 200, 200, 100, 200);
            // Draw besier curve by the same points
            canvas.DrawCurve(solidPen, 100, 100, 200, 100, 200, 200, 100, 200);

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

            // Cleanup
            pdfDocument.Dispose();

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

VIDEO

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

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