

## How to add annotation with markup in pdf with pdf sdk in C# and ByteScout Premium Suite

Step-by-step tutorial on how to add annotation with markup in pdf with pdf sdk in C#

The code displayed below will guide you to install an C# app to add annotation with markup in pdf with pdf sdk. ByteScout Premium Suite can add annotation with markup in pdf with pdf sdk. It can be applied from C#. ByteScout Premium Suite is the set that includes 12 SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording.

Want to quickly learn? This fast application programming interfaces of ByteScout Premium Suite for C# plus the guidelines and the code below will help you quickly learn how to add annotation with markup in pdf with pdf sdk. 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! Check C# sample code samples to see if they respond to your needs and requirements for the project.

All these programming tutorials along with source code samples and ByteScout free trial version are available for download from our website.

FOR MORE INFORMATION AND FREE TRIAL:

[Download Free Trial SDK \(on-premise version\)](#)

[Read more about ByteScout Premium Suite](#)

[Explore API Documentation](#)

[Get Free Training for ByteScout Premium Suite](#)

[Get Free API key for Web API](#)

[visit www.Bytescout.com](http://www.Bytescout.com)

Source Code Files:

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

namespace MarkupAnnotation
{
    /// <summary>
    /// This example demonstrates how to add markup annotations.
    /// </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);

            // Draw sample markup annotations

            SquareAnnotation squareAnnotation = new SquareAnnotation(20, 20, 80, 80);
            squareAnnotation.BackgroundColor = new ColorRGB(255, 240, 240);
            squareAnnotation.BorderStyle.Style = BorderStyle.Dashed;
            squareAnnotation.BorderStyle.DashPattern = new DashPattern(new float[] { 3
            page.Annotations.Add(squareAnnotation);

            CircleAnnotation circleAnnotation = new CircleAnnotation(120, 20, 80, 80);
            circleAnnotation.BackgroundColor = new ColorRGB(240, 250, 240);
            circleAnnotation.Color = new ColorRGB(128, 0, 128);
            circleAnnotation.BorderEffect.Effect = BorderEffect.Cloudy;
            circleAnnotation.BorderEffect.Intensity = 2;
            page.Annotations.Add(circleAnnotation);

            LineAnnotation lineAnnotation = new LineAnnotation(20, 180, 100, 120);
            lineAnnotation.Color = new ColorRGB(255, 0, 0);
            lineAnnotation.StartLineStyle = LineEndingStyle.Butt;
            lineAnnotation.EndLineStyle = LineEndingStyle.OpenArrow;
            page.Annotations.Add(lineAnnotation);

            PointF[] pp = { new PointF(120, 120), new PointF(130, 130), new PointF(140
            PointsArray points = new PointsArray(pp);
            PolylineAnnotation polylineAnnotation = new PolylineAnnotation(points);
            polylineAnnotation.BorderStyle.Width = 2;
            page.Annotations.Add(polylineAnnotation);

            // 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>

## ON-PREMISE OFFLINE SDK

[60 Day Free Trial](#) or [Visit ByteScout Premium Suite Home Page](#)  
[Explore ByteScout Premium Suite Documentation](#)  
[Explore Samples](#)  
[Sign Up for ByteScout Premium Suite Online Training](#)

## ON-DEMAND REST WEB API

[Get Your API Key](#)  
[Explore Web API Docs](#)  
[Explore Web API Samples](#)

[visit www.ByteScout.com](http://www.ByteScout.com)

[visit www.PDF.co](http://www.PDF.co)

[www.bytescout.com](http://www.bytescout.com)