

How to draw with graphics state in PDF in VB.NET with ByteScout PDF SDK

This code in VB.NET shows how to draw with graphics state in PDF with this how to tutorial

Learn how to draw with graphics state in PDF in VB.NET with this source code sample. ByteScout PDF SDK can draw with graphics state in PDF. It can be used from VB.NET. 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.

Fast application programming interfaces of ByteScout PDF SDK for VB.NET plus the instruction and the code below will help you quickly learn how to draw with graphics state in PDF. This VB.NET 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! This basic programming language sample code for VB.NET will do the whole work for you to draw with graphics state in PDF.

Free trial version of ByteScout PDF SDK is available for download from our website. Get it to try other source code samples for VB.NET.

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Source Code Files:

```
Imports Bytescout.PDF
```

```
''' <summary>
```

```
''' This example demonstrates how to save and restore the graphics state.
```

```
''' </summary>
```

```
Class Program
```

```
    Shared Sub Main()
```

```
        ' Create new document
```

```
        Dim pdfDocument = New Document()
```

```
        pdfDocument.RegistrationName = "demo"
```

```
        pdfDocument.RegistrationKey = "demo"
```

```
        ' Add page
```

```
        Dim page = New Page(PaperFormat.A4)
```

```
        pdfDocument.Pages.Add(page)
```

```
        Dim 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, 100)
```

```
        ' Restore the state and draw the same rectangle
```

```
        canvas.RestoreGraphicsState()
```

```
        canvas.DrawRectangle(New SolidBrush(New ColorRGB(255, 0, 0)), 200, 200, 100, 100)
```

```
        ' Save document to file
```

```
        pdfDocument.Save("result.pdf")
```

```
        ' Cleanup
```

```
        pdfDocument.Dispose()
```

```
        ' Open document in default PDF viewer app
```

```
        Process.Start("result.pdf")
```

```
    End Sub
```

```
End Class
```

VIDEO

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

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