

How to read barcodes from PDF in C# using ByteScout BarCode Reader SDK

Tutorial on how to read barcodes from PDF in C#

Sample source code below will show you how to cope with a difficult task like read barcodes from PDF in C#. ByteScout BarCode Reader SDK is the SDK for reading of barcodes from PDF, images and live camera or video. Almost every common type like Code 39, Code 128, GS1, UPC, QR Code, Datamatrix, PDF417 and many others are supported. Supports noisy and defective images and docs. Includes optional documents splitter and merger for pdf and tiff based on found barcodes. Batch mode is supported for superior performance using multiple threads. Decoded values are easily exported to JSON, CSV, XML and to custom format. It can be used to read barcodes from PDF using C#.

C# code samples for C# developers help to speed up coding of your application when using ByteScout BarCode Reader SDK. In order to implement the functionality, you should copy and paste this code for C# below into your code editor with your app, compile and run your application. Further enhancement of the code will make it more vigorous.

Trial version of ByteScout BarCode Reader SDK is available for free. Source code samples are included to help you with your C# app.

FOR MORE INFORMATION AND FREE TRIAL:

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

[Read more about ByteScout BarCode Reader SDK](#)

[Explore API Documentation](#)

[Get Free Training for ByteScout BarCode Reader SDK](#)

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

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

Source Code Files:

```
using System;
using Bytescout.BarCodeReader;

namespace BarcodesFromPDF
{
    class Program
    {
        static void Main()
        {
            Reader reader = new Reader();
            reader.RegistrationName = "demo";
            reader.RegistrationKey = "demo";

            // Limit search to 1-dimensional barcodes only (exclude 2D barcodes to speed up)
            // Change to barcodeReader.BarcodeTypesToFind.SetAll() to scan for all supported types
            // or select specific type, e.g. barcodeReader.BarcodeTypesToFind.Set1D()
            reader.BarcodeTypesToFind.All1D = true;

            Console.WriteLine("Reading barcodes from PDF document...");

            /* -----
            NOTE: We can read barcodes from specific page to increase performance.
            For sample please refer to "Decoding barcodes from PDF by pages" program.
            ----- */

            FoundBarcode[] barcodes = reader.ReadFrom("example.pdf");

            foreach (FoundBarcode barcode in barcodes)
            {
                Console.WriteLine("Found barcode with type '{0}' and value '{1}' on page {2}. Rect: {3}, {4}, {5}, {6}",
                    barcode.Type, barcode.Value, barcode.Page, barcode.Rect.X, barcode.Rect.Y, barcode.Rect.Width, barcode.Rect.Height);
            }

            // Cleanup
            reader.Dispose();

            Console.WriteLine();
            Console.WriteLine("Press any key to continue.");
            Console.ReadKey();
        }
    }
}
```

VIDEO

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

ON-PREMISE OFFLINE SDK

[60 Day Free Trial](#) or [Visit ByteScout BarCode Reader SDK Home Page](#)
[Explore ByteScout BarCode Reader SDK Documentation](#)
[Explore Samples](#)
[Sign Up for ByteScout BarCode Reader SDK 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