

inspect decoded barcodes in C# with ByteScout BarCode Reader SDK

inspect decoded barcodes in C#

Here you may get thousands pre-made source code samples for simple implementation in your own programming C# projects. Inspect decoded barcodes in C# can be applied with ByteScout BarCode Reader SDK. 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 barcodess. Batch mode is supported for superior performance using multiple threads. Decoded values are easily exported to JSON, CSV, XML and to custom format.

Save time on writing and testing code by using the code below and use it in your application. Just copy and paste this C# sample code to your C# application's code editor, add a reference to ByteScout BarCode Reader SDK (if you haven't added yet) and you are ready to go! These C# sample examples can be used in one or many applications.

If you want to try other samples for C# then free trial version of ByteScout BarCode Reader SDK is available on our website.

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Source Code Files:

```

using System;
using System.Drawing.Imaging;
using System.IO;
using Bytescout.BarCodeReader;

namespace InspectDecodedBarcodes
{
    class Program
    {
        static int i = 0;
        const string ImageFile = "Code_39.png";

        static void Main()
        {
            Console.WriteLine("Reading barcode(s) from image {0}", Path.GetFullPath(ImageFile));

            Reader reader = new Reader();
            reader.RegistrationName = "demo";
            reader.RegistrationKey = "demo";

            // Set barcode type to find
            reader.BarcodeTypesToFind.Code39 = true;

            reader.InspectDecodedBarcodes += Reader_InspectDecodedBarcodes;

            // Read barcodes
            FoundBarcode[] barcodes = reader.ReadFrom(ImageFile);

            foreach (FoundBarcode barcode in barcodes)
            {
                Console.WriteLine("Found barcode with type '{0}' and value '{1}'", barcode.Type, barcode.Value);
            }

            // Cleanup
            reader.Dispose();

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

        /// <summary>
        /// Inspect decoded barcode event
        /// </summary>
        /// <param name="sender"></param>
        /// <param name="image"></param>
        private static void Reader_InspectDecodedBarcodes(object sender, System.Drawing.Image image)
        {
            var imageFile = $"{i++}.png";
            image.Save(imageFile, ImageFormat.Png);

            Console.WriteLine($"Inspected image file saved as {imageFile}");

            // You should explicitly dispose the image object to avoid resource leaks.
            image.Dispose();
        }
    }
}

```

```
}  
}  
}
```

VIDEO

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

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