# How to decode code 128 in C# and ByteScout BarCode Reader SDK

How to code in C# to decode code 128 with this step-by-step tutorial

Learn how to decode code 128 in C# with this source code sample. ByteScout BarCode Reader SDK is the SDK for barcode decoding. Can read all popular types from Code 128, GS1, UPC and Code 39 to QR Code, Datamatrix, PDF417. Images, pdf, TIF images and live web camera are supported as input. Designed to handle documents with noise and defects. Includes optional splitter and merger for pdf and tiff based on barcodes. Batch mode is optimized for high performance with multiple threads. Decoded values can be exported to XML, JSON, CSV or into custom data format. It can decode code 128 in C#.

This rich sample source code in C# for ByteScout BarCode Reader SDK includes the number of functions and options you should do calling the API to decode code 128. 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! Use of ByteScout BarCode Reader SDK in C# is also explained in the documentation included along with the product.

Free trial version of ByteScout BarCode Reader SDK is available for download from our website. Get it to try other source code samples for C#.

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# Source Code Files:

Program.cs

```csharp
using System;
using System.IO;
using Bytescout.BarCodeReader;

namespace ReadCode128
{
    class Program
    {
        const string ImageFile = "Code_128.png";

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

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

            // Set barcode type to find
            reader.BarcodeTypesToFind.Code128 = true;

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

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

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

            // Cleanup
            reader.Dispose();

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

VIDEO

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

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