How to decode UPC A in C# and ByteScout BarCode Reader SDK

The tutorial shows how to decode UPC A in C#

The documentation is designed to help you to implement the features on your side. 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. It can be used to decode UPC A using 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 UPC A. 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. Detailed tutorials and documentation are available along with installed ByteScout BarCode Reader SDK if you'd like to dive deeper into the topic and the details of the API.

ByteScout free trial version is available for download from our website. It includes all these programming tutorials along with source code samples.

FOR MORE INFORMATION AND FREE TRIAL:

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Source Code Files:

Program.cs

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

namespace ReadUPCA
{
    class Program
    {
        const string ImageFile = "UPCA.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.UPCA = 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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