

How to set barcode decoding profiles with barcode reader sdk in C# using ByteScout Barcode Suite

How to write a robust code in C# to set barcode decoding profiles with barcode reader sdk with this step-by-step tutorial

Every ByteScout tool includes simple example C# source codes that you can get here or in the folder with installed ByteScout product. ByteScout Barcode Suite is the set that includes three different SDK products to generate barcodes, read barcodes and read and write spreadsheets: Barcode SDK, Barcode Reader SDK and Spreadsheet SDK. It can be applied to set barcode decoding profiles with barcode reader sdk using C#.

The following code snippet for ByteScout Barcode Suite works best when you need to quickly set barcode decoding profiles with barcode reader sdk in your C# application. 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! Check C# sample code samples to see if they respond to your needs and requirements for the project.

You can download free trial version of ByteScout Barcode Suite from our website with this and other source code samples for C#.

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Source Code Files:

```

using System;
using ByteScout.BarCodeReader;

namespace Profiles
{
    /// <summary>
    /// This example demonstrates the use of profiles. Profiles are set of properties
    /// allowing to apply them to Reader in any combination quickly. You can use
    /// predefined profiles or create you own in JSON format like in this example.
    /// </summary>
    class Program
    {
        static void Main(string[] args)
        {
            // Create ByteScout.BarCodeReader.Reader instance
            using (Reader reader = new Reader())
            {
                reader.RegistrationName = "demo";
                reader.RegistrationKey = "demo";

                // Apply predefined profiles:
                // enable Code39;
                // enable EAN-13;
                // render PDF at 150 DPI resolution.
                reader.Profiles = "code39, ean13, pdf150dpi";

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

                // Decode and show barcodes from sample1.pdf
                reader.ReadFrom("sample1.pdf");
                foreach (FoundBarcode foundBarcode in reader.FoundBarcodes)
                {
                    Console.WriteLine("Found \"{0}\" barcode with value \"{1}\"", foundBarcode.Name, foundBarcode.Value);
                }

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

                    // Load and apply custom profiles
                    reader.LoadProfiles("profiles.json");
                    reader.Profiles = "negative-distorted-datamatrix";

                    // Decode and show barcodes from sample2.png
                    reader.ReadFrom("sample2.png");
                    foreach (FoundBarcode foundBarcode in reader.FoundBarcodes)
                    {
                        Console.WriteLine("Found \"{0}\" barcode with value \"{1}\"", foundBarcode.Name, foundBarcode.Value);
                    }

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

```

```
}  
}
```

VIDEO

<https://www.youtube.com/watch?v=NEwNs2b9YN8>

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