

How to reduce cpu usage with barcode reader sdk in C# using ByteScout Premium Suite

Continuous learning is a crucial part of computer science and this tutorial shows how to reduce cpu usage with barcode reader sdk in C#

Source code documentation samples give simple and easy method to install a needed feature into your application. ByteScout Premium Suite is the bundle that includes twelve SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording. It can be applied to reduce cpu usage with barcode reader sdk using C#.

This prolific sample source code in C# for ByteScout Premium Suite contains various functions and other necessary options you should do calling the API to reduce cpu usage with barcode reader sdk. Follow the instructions from scratch to work and copy the C# code. Enjoy writing a code with ready-to-use sample codes in C#.

You can download free trial version of ByteScout Premium 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 ReduceCPUUsage
{
    class Program
    {
        static void Main()
        {
            // Barcode reader instance
            Reader reader = new Reader();
            reader.RegistrationName = "demo";
            reader.RegistrationKey = "demo";

            /*
            If you are reading barcodes from PDF then you may reduce CPU and RAM load
            - instead of using All1D or All2D barcode types, set it to the specific
            - reduce PDF rendering resolution to 200-150 dpi (depends on your document)
            - set specific pages to read barcodes from. If you have barcodes on 2 + pages
            - if barcodes are always located / printed in the same corner then also
            */

            // Input filename
            string inputFileName = "barcode_multipage.pdf";

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

            // Reduce PDF rendering resolution
            reader.PDFRenderingResolution = 150;

            // Set specific area to read from
            reader.CustomAreaLeft = 407;
            reader.CustomAreaTop = 494;
            reader.CustomAreaHeight = 605;
            reader.CustomAreaWidth = 999;

            // Set specific page to read from along with filename
            reader.ReadFromPdfFilePage(inputFileName, 1, 1);

            // Get all found barcodes
            FoundBarcode[] barcodes = reader.FoundBarcodes;

            // Display found barcodes
            Console.WriteLine("Reading barcode(s) from PDF file...");

            foreach (FoundBarcode barcode in barcodes)
            {
                Console.WriteLine("Found Barcode - Type: '{0}', Value: '{1}'", barcode.Type, barcode.Value);
            }

            // Cleanup
            reader.Dispose();

            Console.WriteLine();
        }
    }
}
```

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

VIDEO

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

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