

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

Learn to code in C# to reduce cpu usage with barcode reader sdk with this step-by-step tutorial

The sample source codes on this page shows how to reduce cpu usage with barcode reader sdk in C#. ByteScout Barcode Suite is the bundle that provides 3 SDK products to generate barcodes (Barcode SDK), read barcodes (Barcode Reader SDK) and read and write spreadsheets (Spreadsheet SDK). It can reduce cpu usage with barcode reader sdk in C#.

Want to save time? You will save a lot of time on writing and testing code as you may just take the C# code from ByteScout Barcode Suite for reduce cpu usage with barcode reader sdk below and use it in your 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! Enjoy writing a code with ready-to-use sample codes in C#.

Trial version of ByteScout Barcode Suite is available for free. Source code samples are included to help you with your C# app.

FOR MORE INFORMATION AND FREE TRIAL:

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[Read more about ByteScout Barcode Suite](#)

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[visit www.Bytescout.com](http://www.Bytescout.com)

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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