

How to decode page by page from TIFF in C# using ByteScout BarCode Reader SDK

How to code in C# to decode page by page from TIFF with this step-by-step tutorial

These sample source codes on this page below are demonstrating how to decode page by page from TIFF in C#. ByteScout BarCode Reader SDK is the barcode decoder with support for code 39, code 128, QR Code, Datamatrix, GS1, PDF417 and all other popular barcodes. Can read barcodes from images, pdf, tiff documents and live web camera. Supports noisy and damaged documents, can split and merge pdf and tiff documents based on barcodes. Can export barcode decoder results to XML, JSON, CSV and into custom data structures. It can decode page by page from TIFF in C#.

This code snippet below for ByteScout BarCode Reader SDK works best when you need to quickly decode page by page from TIFF in your C# application. In your C# project or application you may simply copy & paste the code and then run your app! 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.

Free trial version of ByteScout BarCode Reader SDK is available on our website. Documentation and source code samples are included.

FOR MORE INFORMATION AND FREE TRIAL:

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Source Code Files:

```
using System;
using Bytescout.BarCodeReader;

namespace BarcodesFromTIFF
{
    class Program
    {
        static void Main()
        {
            Reader reader = new Reader();
            reader.RegistrationName = "demo";
            reader.RegistrationKey = "demo";

            // Limit search to 1-dimensional barcodes only (exclude 2D barcodes to speed up)
            // Change to barcodeReader.BarcodeTypesToFind.SetAll() to scan for all supported types
            // or select specific type, e.g. barcodeReader.BarcodeTypesToFind.PDF417 = true;
            reader.BarcodeTypesToFind.All1D = true;

            // Input filename
            string fileName = "multipage.tif";

            // Pages from which barcodes to be fetched
            int[] readFromPages = { 1, 2, 4, 6 };

            foreach (var pageNo in readFromPages)
            {
                Console.WriteLine("\n\nReading barcodes from TIFF page {0}...", pageNo);

                // Decoding barcodes from TIFF on page-by-page basis, instead of reading the whole file
                FoundBarcode[] barcodes = reader.ReadFrom(fileName, (pageNo - 1));

                // Found results
                foreach (FoundBarcode barcode in barcodes)
                {
                    Console.WriteLine("Found Barcode, Type: '{0}', Value: '{1}', Position: {2}, Rect: {3}",
                        barcode.Type, barcode.Value, barcode.Position, barcode.Rect);
                }
            }

            // Cleanup
            reader.Dispose();

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

VIDEO

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

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