

# How to optimize PDF in C# with ByteScout PDF Extractor SDK

The tutorial below will demonstrate how to optimize PDF in C#

ByteScout tutorials are designed to explain the code for both C# beginners and advanced programmers. Want to optimize PDF in your C# app? ByteScout PDF Extractor SDK is designed for it. ByteScout PDF Extractor SDK is the Software Development Kit (SDK) that is designed to help developers with data extraction from unstructured documents like pdf, tiff, scans, images, scanned and electronic forms. The library is powered by OCR, computer vision and AI to provide unique functionality like table detection, automatic table structure extraction, data restoration, data restructuring and reconstruction. Supports PDF, TIFF, PNG, JPG images as input and can output CSV, XML, JSON formatted data. Includes full set of utilities like pdf splitter, pdf merger, searchable pdf maker.

Fast application programming interfaces of ByteScout PDF Extractor SDK for C# plus the instruction and the code below will help you quickly learn how to optimize PDF. Follow the instructions from the scratch to work and copy the C# code. Further enhancement of the code will make it more vigorous.

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

C# - Program.cs

```
using System;
using System.IO;
using Bytescout.PDFExtractor;

namespace OptimizePDF
{
    class Program
    {
        static void Main()
        {
            // Create Bytescout.PDFExtractor.DocumentOptimizer instance
            using (DocumentOptimizer optimizer = new DocumentOptimizer("demo",
"demo"))
            {
                // Try various optimization options
                OptimizationOptions optimizationOptions = new OptimizationOptions();
                optimizationOptions.ImageOptimizationFormat =
ImageOptimizationFormat.JPEG;
                optimizationOptions.JPEGQuality = 25;
                optimizationOptions.ResampleImages = true;
                optimizationOptions.ResamplingResolution = 120;

                // Optimize document and save it to new file
```

```
        optimizer.OptimizeDocument(@".\sample1.pdf", @".\optimized.pdf",
optimizationOptions);
    }

    Console.WriteLine("Optimized document has been saved as " +
Path.GetFullPath(@".\optimized.pdf"));
    Console.WriteLine();
    Console.WriteLine("Press any key...");
    Console.ReadLine();
}
}
```

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