

# data masking in PDF in C# with ByteScout PDF Extractor SDK

## data masking in PDF in C#

These source code samples are listed and grouped by their programming language and functions they use. ByteScout PDF Extractor SDK was made to help with data masking in PDF in C#. 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 C# code below will help you quickly learn data masking in PDF. This C# sample code should be copied and pasted into your application's code editor. Then just compile and run it to see how it works. Test C# sample code examples whether they respond your needs and requirements for the project.

Our website provides free trial version of ByteScout PDF Extractor SDK. It comes along with all these source code samples with the goal to help you with your C# application implementation.

C# - Program.cs

```
using Bytescout.PDFExtractor;
using System;
using System.Diagnostics;
using System.IO;
using System.Text.RegularExpressions;

namespace RepairText
{
    class Program
    {
        static void Main(string[] args)
        {
            try
            {
                // Generate CSVExtractor instance
                using (CSVExtractor extractor = new CSVExtractor("demo", "demo"))
                {
                    // Load PDF document
                    extractor.LoadDocumentFromFile("sample.pdf");

                    // Get all data
                    string allData = extractor.GetCSV();
                }
            }
        }
    }
}
```

```

// Regular expressions and replacements
string ssnRegex = @"\d{3}[-]?\d{2}[-]?\d{4}";
string ssnReplace = "***_**_****";

string phoneRegex = @"\d{3}[-]?\d{3}[-]?\d{4}";
string phoneReplace = "***_***_****";

// Find and mask SSN and phone numbers
allData = Regex.Replace(allData, ssnRegex, ssnReplace);
allData = Regex.Replace(allData, phoneRegex, phoneReplace);

// Write as CSV
File.WriteAllText("output.csv", allData);

// Open file
ProcessStartInfo processStartInfo = new
ProcessStartInfo("output.csv");
processStartInfo.UseShellExecute = true;
Process.Start(processStartInfo);
    }
}
catch (Exception ex)
{
    Console.WriteLine(ex.Message);
}

Console.WriteLine("Press enter key to close...");
Console.ReadLine();
}
}
}

```

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