

PDF to CSV (merge multiline text to table cell) in C# and ByteScout PDF Extractor SDK

Tutorial: how to do PDF to CSV (merge multiline text to table cell) in C#

Today we will explain the steps and algorithm of implementing PDF to CSV (merge multiline text to table cell) and how to make it work in your application. ByteScout PDF Extractor SDK helps with PDF to CSV (merge multiline text to table cell) in C#. ByteScout PDF Extractor SDK is the SDK is designed to help developers with pdf tables and pdf 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 and other utilities.

C#, code samples for C#, developers help to speed up the application development and writing a code when using ByteScout PDF Extractor SDK. Follow the instruction from the scratch to work and copy and paste code for C# into your editor. Further enhancement of the code will make it more vigorous.

ByteScout PDF Extractor SDK free trial version is available for download from our website. Free trial also includes programming tutorials along with source code samples.

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Source Code Files:

Program.cs

```
using System;
using System.Diagnostics;
using Bytescout.PDFExtractor;

namespace ConsoleApplication1
{
    class Program
    {
        static void Main(string[] args)
        {
            // Create Bytescout.PDFExtractor.CSVExtractor instance
            CSVExtractor extractor = new CSVExtractor();
            extractor.RegistrationName = "demo";
            extractor.RegistrationKey = "demo";

            // Load sample PDF document
            extractor.LoadDocumentFromFile("sample3_multiline.pdf");

            // you can change CSV separator symbol (if needed) from "," symbol to another
            //extractor.CSVSeparatorSymbol = ";";

            // For multiline cell join extracted cell text into single line
            extractor.LineGroupingMode = LineGroupingMode.GroupByRows;
            extractor.Unwrap = true;

            // Save extracted CSV data
            extractor.SaveCSVToFile("output.csv");

            // Cleanup
            extractor.Dispose();

            Console.WriteLine();
            Console.WriteLine("Data has been extracted to 'output.csv' file.");
            Console.WriteLine();
            Console.WriteLine("Press any key to continue and open CSV in default CSV viewer");
            Console.ReadKey();

            // Open result document in default associated application (for demo purposes)
            ProcessStartInfo processStartInfo = new ProcessStartInfo("output.csv");
            processStartInfo.UseShellExecute = true;
            Process.Start(processStartInfo);
        }
    }
}
```

VIDEO

https://www.youtube.com/watch?v=s28W3_KMraU

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