

How to find PDF table and extract as CSV with PDF extractor SDK in C# using ByteScout Premium Suite

Learn to code in C# to find PDF table and extract as CSV with PDF extractor SDK with this step-by-step tutorial

This sample source code below will display you how to find PDF table and extract as CSV with PDF extractor SDK in C#. ByteScout Premium Suite: the set that includes 12 SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording. It can find PDF table and extract as CSV with PDF extractor SDK in C#.

This prolific sample source code in C# for ByteScout Premium Suite contains various functions and other necessary options you should do calling the API to find PDF table and extract as CSV with PDF extractor SDK. Follow the instructions from scratch to work and copy the C# code. Further improvement of the code will make it more robust.

ByteScout Premium Suite free trial version is available on our website. C# and other programming languages are supported.

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Source Code Files:

```
using System.Diagnostics;
using Bytestcout.PDFExtractor;

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

            // Create Bytestcout.PDFExtractor.TableDetector instance
            TableDetector tableDetector = new TableDetector();
            tableDetector.RegistrationKey = "demo";
            tableDetector.RegistrationName = "demo";

            // Set table detection mode to "bordered tables" - best for tables with class
            tableDetector.ColumnDetectionMode = ColumnDetectionMode.BorderedTables;

            // We should define what kind of tables we should detect.
            // So we set min required number of columns to 3 ...
            tableDetector.DetectionMinNumberOfColumns = 3;
            // ... and we set min required number of rows to 3
            tableDetector.DetectionMinNumberOfRows = 3;

            // Load sample PDF document
            csvExtractor.LoadDocumentFromFile(@".\sample3.pdf");
            tableDetector.LoadDocumentFromFile(@".\sample3.pdf");

            // Get page count
            int pageCount = tableDetector.GetPageCount();

            for (int i = 0; i < pageCount; i++)
            {
                int t = 1;
                // Find first table and continue if found
                if (tableDetector.FindTable(i))
                {
                    do
                    {
                        // Set extraction area for CSV extractor to rectangle received
                        csvExtractor.SetExtractionArea(tableDetector.FoundTableLocation);
                        // Export the table to CSV file
                        csvExtractor.SavePageCSVToFile(i, "page-" + i + "-table-" + t + ".csv");
                        t++;
                    }
                    while (tableDetector.FindNextTable()); // search next table
                }
            }

            // Cleanup
            csvExtractor.Dispose();
        }
    }
}
```

```
tableDetector.Dispose();

// Open first output file in default associated application (for demo purpose)
ProcessStartInfo processStartInfo = new ProcessStartInfo("page-0-table-1.csv");
processStartInfo.UseShellExecute = true;
Process.Start(processStartInfo);
    }
}
}
```

VIDEO

<https://www.youtube.com/watch?v=NEwNs2b9YN8>

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