

How to extract table structure from PDF in C# with ByteScout PDF Extractor SDK

This tutorial will show how to extract table structure from PDF in C#

The coding tutorials are designed to help you test the features without need to write your own code. ByteScout PDF Extractor SDK is the SDK that helps developers to extract data from unstructured documents, pdf, images, scanned and electronic forms. Includes AI functions like automatic table detection, automatic table extraction and restructuring, text recognition and text restoration from pdf and scanned documents. Includes PDF to CSV, PDF to XML, PDF to JSON, PDF to searchable PDF functions as well as methods for low level data extraction. It can extract table structure from PDF in C#.

This code snippet below for ByteScout PDF Extractor SDK works best when you need to quickly extract table structure from PDF in your C# application. This C# sample code is all you need for your app. Just copy and paste the code, add references (if needs to) and you are all set! Enjoy writing a code with ready-to-use sample C# codes.

ByteScout PDF Extractor SDK free trial version is available on our website. C# and other programming languages are supported.

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Source Code Files:

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

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

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

            for (int pageIndex = 0; pageIndex < extractor.GetPageCount(); pageIndex++)
            {
                Console.WriteLine("Starting extraction from page #" + pageIndex);
                Console.WriteLine();

                extractor.PrepareStructure(pageIndex);

                int rowCount = extractor.GetRowCount(pageIndex);

                for (int row = 0; row < rowCount; row++)
                {
                    int columnCount = extractor.GetColumnCount(pageIndex, row);

                    for (int col = 0; col < columnCount; col++)
                    {
                        Console.WriteLine(extractor.GetCellValue(pageIndex, row, col))
                    }
                }
            }

            // Cleanup
            extractor.Dispose();

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

VIDEO

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

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