

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

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

On this page you will learn from code samples for programming in C#. Writing of the code to find PDF table and extract as XML with PDF extractor SDK in C# can be executed by programmers of any level using ByteScout PDF Suite. ByteScout PDF Suite: the bundle that provides six different SDK libraries to work with PDF from generating rich PDF reports to extracting data from PDF documents and converting them to HTML. This bundle includes PDF (Generator) SDK, PDF Renderer SDK, PDF Extractor SDK, PDF to HTML SDK, PDF Viewer SDK and PDF Generator SDK for Javascript. It can find PDF table and extract as XML with PDF extractor SDK in C#.

This prolific sample source code in C# for ByteScout PDF Suite contains various functions and other necessary options you should do calling the API to find PDF table and extract as XML with PDF extractor SDK. Follow the instructions from scratch to work and copy the C# code. Enjoy writing a code with ready-to-use sample codes in C#.

The trial version of ByteScout PDF Suite can be downloaded for free from our website. It also includes source code samples for C# and other programming languages.

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Source Code Files:

```

using System.Diagnostics;
using Bytescout.PDFExtractor;

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

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

            // 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
            xmlExtractor.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 XML extractor to rectangle received
                        xmlExtractor.SetExtractionArea(tableDetector.FoundTableLocation);
                        // Export the table to XML file
                        xmlExtractor.SavePageXMLToFile(i, "page-" + i + "-table-" + t);
                        t++;
                    }
                    while (tableDetector.FindNextTable()); // search next table
                }
            }

            // Cleanup
            xmlExtractor.Dispose();
        }
    }
}

```

```
        tableDetector.Dispose();

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

VIDEO

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

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