

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

How to write a robust 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 Premium Suite. Want to find PDF table and extract as XML with PDF extractor SDK in your C# app? ByteScout Premium Suite is designed for it. ByteScout Premium Suite is the bundle that includes twelve SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording.

Want to save time? You will save a lot of time on writing and testing code as you may just take the C# code from ByteScout Premium Suite for find PDF table and extract as XML with PDF extractor SDK below and use it in your application. IF you want to implement the functionality, just copy and paste this code for C# below into your code editor with your app, compile and run your application. Want to see how it works with your data then code testing will allow the function to be tested and work properly.

ByteScout provides the free trial version of ByteScout Premium Suite along with the documentation and source code samples.

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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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