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How to convert xml to pdf with pdf sdk in C# using ByteScout PDF Suite

Step-by-step tutorial on how to convert xml to pdf with pdf sdk in C#

An easy to understand sample source code to learn how to convert xml to pdf with pdf sdk in C# Want to convert xml to pdf with pdf sdk in your C# app? ByteScout PDF Suite is designed for it. ByteScout PDF Suite is the set that includes 6 SDK products 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.

The following code snippet for ByteScout PDF Suite works best when you need to quickly convert xml to pdf with pdf sdk 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! Check C# sample code samples to see if they respond to your needs and requirements for the project.

Our website gives trial version of ByteScout PDF Suite for free. It also includes documentation and source code samples.

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Source Code Files:

Program.cs

```
using System;
using System.Collections.Generic;
using System.Diagnostics;
using System.Xml;
using Bytescout.PDF;

namespace ConvertXmlToPdfExample
{
    /// <summary>
    /// This example demonstrates how to create table from some XML data.
    /// Since your XML file has different structure the example just shows technique o
    //  and PDF table creation.
    /// </summary>
    class Program
    {
        static void Main()
        {
            // Load XML document
            XmlDocument xmlDocument = new XmlDocument();
            xmlDocument.Load(@"sample.xml");

            // Read columns information from XML data
            List<string> columns = new List<string>();
            XmlNodeList columnNodeList = xmlDocument.SelectNodes("/Report/Columns/Colu
            foreach (XmlNode node in columnNodeList)
                columns.Add(node.Attributes["Name"].Value);

            // Read row nodes from XML data
            XmlNodeList rowNodeList = xmlDocument.SelectNodes("/Report/ReportData");


            // Create new PDF document
            Document pdfDocument = new Document();
            pdfDocument.RegistrationName = "demo";
            pdfDocument.RegistrationKey = "demo";
            // Add page
            Page page = new Page(PaperFormat.A4);
            pdfDocument.Pages.Add(page);

            DeviceColor lightGrayColor = new ColorGray(200);
            DeviceColor whiteColor = new ColorGray(255);


            // Create PDF table
            Table table = new Table();
            table.BackgroundColor = lightGrayColor;

            // Add columns
            for (int c = 0; c < columns.Count; c++)
            {
                TableColumn column = new TableColumn(columns[c], columns[c]);
                // Set column width
                column.Width = (c == 0)? 100 : 60;
                table.Columns.Add(column);
            }
```

```
            // Add rows
            foreach (XmlNode rowNode in rowNodeList)
            {
                // Create new row and set its background color
                TableRow row = table.NewRow();
                row.BackgroundColor = whiteColor;

                // Get cell values from XML data
                foreach (XmlNode childNode in rowNode.ChildNodes)
                {
                    // Get cell info from XML data
                    string columnName = childNode.Name;
                    int columnIndex = columns.IndexOf(childNode.Name);
                    string cellValue = childNode.InnerText;

                    // Set cell text
                    row[columnName].Text = cellValue;
                    // Set cell text alignment
                    row[columnName].TextFormat.HorizontalAlign = (columnIndex == 0) ? H
                }

                // Add the row to the table
                table.Rows.Add(row);
            }

            // Draw the table on canvas
            page.Canvas.DrawTable(table, 20, 20);


            // Save document to file
            pdfDocument.Save("result.pdf");

            // Cleanup
            pdfDocument.Dispose();

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

VIDEO

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

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