

How to convert xml to xls with spreadsheet sdk in C# with ByteScout Barcode Suite

If you want to learn more then this tutorial will show how to convert xml to xls with spreadsheet sdk in C#

The code displayed below will guide you to install an C# app to convert xml to xls with spreadsheet sdk. Want to convert xml to xls with spreadsheet sdk in your C# app? ByteScout Barcode Suite is designed for it. ByteScout Barcode Suite is the bundle that provides 3 SDK products to generate barcodes (Barcode SDK), read barcodes (Barcode Reader SDK) and read and write spreadsheets (Spreadsheet SDK).

Want to quickly learn? This fast application programming interfaces of ByteScout Barcode Suite for C# plus the guidelines and the code below will help you quickly learn how to convert xml to xls with spreadsheet sdk. Follow the instructions from scratch to work and copy the C# code. If you want to use these C# sample examples in one or many applications then they can be used easily.

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

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Source Code Files:

```
using System;
using System.Collections.Generic;
using System.Diagnostics;
using System.Drawing;
using System.Xml;
using Bytescout.Spreadsheet;
using Bytescout.Spreadsheet.Constants;

namespace ConvertXmlToXlsExample
{
    /// <summary>
    /// This example demonstrates how to create Excel spreadsheet from some XML data
    /// Since your XML file has different structure the example just shows technique
    /// and spreadsheet 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");
            foreach (XmlNode node in columnNodeList)
                columns.Add(node.Attributes["Name"].Value);

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

            // Create new spreadsheet
            Spreadsheet spreadsheet = new Spreadsheet();
            spreadsheet.RegistrationName = "demo";
            spreadsheet.RegistrationKey = "demo";
            // Add worksheet
            Worksheet worksheet = spreadsheet.Worksheets.Add();

            // Add column headers
            for (int c = 0; c < columns.Count; c++)
            {
                worksheet[0, c].Value = columns[c];
                worksheet[0, c].FillPattern = PatternStyle.Solid;
                worksheet[0, c].FillPatternForeColor = Color.LightGray;
            }

            int rowIndex = 1;

            // Add rows
            foreach (XmlNode rowNode in rowNodeList)
            {
                // Get cell values from XML data
                foreach (XmlNode childNode in rowNode.ChildNodes)
```

```
        {
            // Get cell info from XML data
            int columnIndex = columns.IndexOf(childNode.Name);
            string cellValue = childNode.InnerText;

            Cell cell = worksheet[rowIndex, columnIndex];

            // Set cell text
            cell.Value = cellValue;
            // Set cell text alignment
            cell.AlignmentHorizontal = columnIndex == 0 ? Alignment.Center : Alignment.Left;
        }

        // Add the row to the table
        rowIndex++;
    }

    // Fit columns width to cell data
    for (int c = 0; c < columns.Count; c++)
        worksheet.Columns[c].AutoFit();

    // Save document to file
    spreadsheet.SaveAsXLS("result.xls");

    // Cleanup
    spreadsheet.Dispose();

    // Open document in Excel
    Process.Start("result.xls");
}
}
}
```

VIDEO

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

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