www.bytescout.com

How to set number format in cells with spreadsheet sdk in C# with ByteScout Data Extraction Suite

Learn to code in C# to set number format in cells with spreadsheet sdk with this step-by-step tutorial

We made thousands of pre-made source code pieces for easy implementation in your own programming projects. ByteScout Data Extraction Suite is the set that includes 3 SDK products for data extraction from PDF, scans, images and from spreadsheets: PDF Extractor SDK, Data Extraction SDK, Barcode Reader SDK. It can be applied to set number format in cells with spreadsheet sdk using C#.

Want to quickly learn? This fast application programming interfaces of ByteScout Data Extraction Suite for C# plus the guidelines and the code below will help you quickly learn how to set number format in cells with spreadsheet sdk. Simply copy and paste in your C# project or application you and then run your app! Further improvement of the code will make it more robust.

The trial version of ByteScout Data Extraction 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:

Program.cs

```
using System;
using System.Collections.Generic;
using System.Text;
using System.Diagnostics;
using Bytescout.Spreadsheet;
using System.IO;

namespace HelloWorld
{
    class Program
    {
        static void Main(string[] args)
        {
            // Create new Spreadsheet
            Spreadsheet document = new Spreadsheet();

            // Get worksheet by name
            Worksheet worksheet = document.Workbook.Worksheets.Add("Sample");

            // Set header
            worksheet.Cell(0, 0).Value = "Value (Number)";
            worksheet.Cell(0, 1).Value = "Formatting String";

            // Set variables
            double plan = 3000;
            double result = 3100;

            // Fill cells
            for (int i = 1; i < 6; i++)
            {
                worksheet.Cell(i, 0).Value = result / plan;
            }

            // Set cells format
            worksheet.Cell(1, 0).NumberFormatString = "0.00";
            worksheet.Cell(2, 0).NumberFormatString = "0.00%";
            worksheet.Cell(3, 0).NumberFormatString = "mm:ss";
            worksheet.Cell(4, 0).NumberFormatString = "hh:mm:ss";
            worksheet.Cell(5, 0).NumberFormatString = "##0,0E+0";

            // Set captions
            worksheet.Cell(1, 1).Value = "0.00";
            worksheet.Cell(2, 1).Value = "0.00%";
            worksheet.Cell(3, 1).Value = "mm:ss";
            worksheet.Cell(4, 1).Value = "hh:mm:ss";
            worksheet.Cell(5, 1).Value = "##0,0E+0";


            // delete output file if exists already
            if (File.Exists("Sample.xls")){
                File.Delete("Sample.xls");
            }

            // Save document
            document.SaveAs("Sample.xls");
```

```
            // Close document
            document.Close();

            // open generated XLS document in default program
            Process.Start("Sample.xls");
        }
    }
}
```

VIDEO

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

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