

How to set number format in cells in C# using ByteScout Spreadsheet SDK

This tutorial will show how to set number format in cells in C#

Learn how to set number format in cells in C# with this source code sample. ByteScout Spreadsheet SDK can set number format in cells. It can be used from C#. ByteScout Spreadsheet SDK is the SDK that can write and read, modify and calculate Excel and CSV spreadsheets. Most popular formulas are supported. You may import or export data to and from CSV, XML, JSON as well as to and from databases, arrays.

The SDK samples like this one below explain how to quickly make your application do set number format in cells in C# with the help of ByteScout Spreadsheet SDK. In order to implement the functionality, you should copy and paste this code for C# below into your code editor with your app, compile and run your application. Implementing C# application typically includes multiple stages of the software development so even if the functionality works please test it with your data and the production environment.

ByteScout Spreadsheet SDK free trial version is available on our website. C# and other programming languages are supported.

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Source Code Files:

```
using System;
using System.Collections.Generic;
using System.Text;
using System.Diagnostics;
using Bytescout.Spss;
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=nm_7I0PN1TY

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