

How to add surface chart with spreadsheet sdk in C# and ByteScout Barcode Suite

This code in C# shows how to add surface chart with spreadsheet sdk with this how to tutorial

Every ByteScout tool includes simple example C# source codes that you can get here or in the folder with installed ByteScout product. ByteScout Barcode Suite can add surface chart with spreadsheet sdk. It can be applied from C#. ByteScout Barcode Suite is the set that includes three different SDK products to generate barcodes, read barcodes and read and write spreadsheets: Barcode SDK, Barcode Reader SDK and Spreadsheet SDK.

The following code snippet for ByteScout Barcode Suite works best when you need to quickly add surface chart with spreadsheet 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! This basic programming language sample code for C# will do the whole work for you to add surface chart with spreadsheet sdk.

All these programming tutorials along with source code samples and ByteScout free trial version are available for download from our website.

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Source Code Files:

```
using System;
using System.Diagnostics;
using Bytestout.Spreadsheet;
using Bytestout.Spreadsheet.Charts;

namespace CSharp
{
    class Program
    {
        static void Main(string[] args)
        {
            // Create new Spreadsheet object
            Spreadsheet spreadsheet = new Spreadsheet();
            spreadsheet.RegistrationName = "demo";
            spreadsheet.RegistrationKey = "demo";

            // Add new worksheet
            Worksheet sheet = spreadsheet.Workbook.Worksheets.Add("Sample");

            // Add a data for Surface chart
            int count = 10;
            double step = 2 * Math.PI / (count - 1);
            for (int i = 0; i < count; i++)
                for (int j = 0; j < count; j++)
                    sheet[i, j].Value = Math.Sin(step * Math.Sqrt(i * i + j * j));

            // Add charts to worksheet
            Chart surfaceChart = sheet.Charts.AddChartAndFitInto(11, 1, 28, 8, ChartType.Surface);
            for (int i = 0; i < count; i++)
                surfaceChart.SeriesCollection.Add(new Series(sheet.Range(0, i, 9, i)))

            surfaceChart = sheet.Charts.AddChartAndFitInto(11, 10, 28, 17, ChartType.Surface);
            for (int i = 0; i < count; i++)
                surfaceChart.SeriesCollection.Add(new Series(sheet.Range(0, i, 9, i)))

            surfaceChart = sheet.Charts.AddChartAndFitInto(29, 1, 46, 8, ChartType.Surface);
            for (int i = 0; i < count; i++)
                surfaceChart.SeriesCollection.Add(new Series(sheet.Range(0, i, 9, i)))

            surfaceChart = sheet.Charts.AddChartAndFitInto(29, 10, 46, 17, ChartType.Surface);
            for (int i = 0; i < count; i++)
                surfaceChart.SeriesCollection.Add(new Series(sheet.Range(0, i, 9, i)))

            // Save it as XLS
            spreadsheet.SaveAs("Output.xls");

            // Close the document
            spreadsheet.Close();

            // Open generated XLS file in default associated application
            Process.Start("Output.xls");
        }
    }
}
```

VIDEO

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

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