

How to add xyscatter chart in VB.NET with ByteScout Spreadsheet SDK

Tutorial on how to add xyscatter chart in VB.NET

Learn how to add xyscatter chart in VB.NET with this source code sample. 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 and you can use it to add xyscatter chart with VB.NET.

You will save a lot of time on writing and testing code as you may just take the VB.NET code from ByteScout Spreadsheet SDK for add xyscatter chart below and use it in your application. In your VB.NET project or application you may simply copy & paste the code and then run your app! Enjoy writing a code with ready-to-use sample codes in VB.NET.

Our website provides trial version of ByteScout Spreadsheet SDK for free. It also includes documentation and source code samples.

VB.NET - Module1.vb

```
Imports Bytescout.Spreadsheet
Imports Bytescout.Spreadsheet.Charts

Module Module1

    Sub Main()

        ' Create new Spreadsheet object
        Dim spreadsheet As New Spreadsheet()
        spreadsheet.RegistrationName = "demo"
        spreadsheet.RegistrationKey = "demo"

        ' Add new worksheet
        Dim sheet As Worksheet = spreadsheet.Workbook.Worksheets.Add("Sample")

        ' Add few random numbers
        Dim length As Integer = 10
        Dim rnd As New Random()
        For i As Integer = 0 To length - 1
            sheet.Cell(i, 0).Value = i
            sheet.Cell(i, 1).Value = rnd.NextDouble() * 10
            sheet.Cell(i, 2).Value = rnd.NextDouble() * 10
        Next
    End Sub
End Module
```

```

    ' Add charts to worksheet
    Dim scatterChart As Chart = sheet.Charts.AddChartAndFitInto(1, 3, 16, 9,
ChartType.XYScatter)
    scatterChart.SeriesCollection.Add(New Series(sheet.Range(0, 1, length - 1,
1), sheet.Range(0, 0, length - 1, 0)))
    scatterChart.SeriesCollection.Add(New Series(sheet.Range(0, 2, length - 1,
2)))

    scatterChart = sheet.Charts.AddChartAndFitInto(1, 10, 16, 16,
ChartType.XYScatterSmooth)
    scatterChart.SeriesCollection.Add(New Series(sheet.Range(0, 1, length - 1,
1), sheet.Range(0, 0, length - 1, 0)))
    scatterChart.SeriesCollection.Add(New Series(sheet.Range(0, 2, length - 1,
2)))

    scatterChart = sheet.Charts.AddChartAndFitInto(1, 17, 16, 23,
ChartType.XYScatterSmoothNoMarkers)
    scatterChart.SeriesCollection.Add(New Series(sheet.Range(0, 1, length - 1,
1), sheet.Range(0, 0, length - 1, 0)))
    scatterChart.SeriesCollection.Add(New Series(sheet.Range(0, 2, length - 1,
2)))

    scatterChart = sheet.Charts.AddChartAndFitInto(17, 10, 32, 16,
ChartType.XYScatterLines)
    scatterChart.SeriesCollection.Add(New Series(sheet.Range(0, 1, length - 1,
1), sheet.Range(0, 0, length - 1, 0)))
    scatterChart.SeriesCollection.Add(New Series(sheet.Range(0, 2, length - 1,
2)))

    scatterChart = sheet.Charts.AddChartAndFitInto(17, 17, 32, 23,
ChartType.XYScatterLinesNoMarkers)
    scatterChart.SeriesCollection.Add(New Series(sheet.Range(0, 1, length - 1,
1), sheet.Range(0, 0, length - 1, 0)))
    scatterChart.SeriesCollection.Add(New Series(sheet.Range(0, 2, length - 1,
2)))

    ' 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")

End Sub

End Module

```

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