Highcharts 气泡图

本章节我们将为大家介绍 Highcharts 的气泡图。

我们在前面的章节已经了解了 Highcharts 配置语法。接下来让我们来看下 Highcharts 的其他配置。

配置

chart 配置

配置 chart 的 type 为 'bubble' 。chart.type 描述了图表类型。默认值为 "line"。

chart.zoomType 属性可配置图表放大 ，通过拖动鼠标进行缩放，沿x轴或y轴进行缩放，可以设置为：'x','y','xy'。

```
var chart = {
    type: 'bubble',
    zoomType: 'xy'
};
```

实例

文件名：highcharts_bubble_basic.htm

```
<html>
<head>
<meta charset="UTF-8" />
<title>Highcharts 教程 | 菜鸟教程(runoob.com)</title>
<script src="http://apps.bdimg.com/libs/jquery/2.1.4/jquery.min.js"></script>
<script src="http://code.highcharts.com/highcharts.js"></script>
<script src="http://code.highcharts.com/highcharts-more.js"></script>
</head>
<body>
<div id="container" style="width: 550px; height: 400px; margin: 0 auto"></div>
<script language="JavaScript">
$(document).ready(function() {
    var chart = {
        type: 'bubble',
        zoomType: 'xy'
    };
    var title = {
        text: 'Highcharts Bubbles'
    };
    var series= [{
            data: [[97, 36, 79], [94, 74, 60], [68, 76, 58], [64, 87, 56], [68, 27, 73], [74, 99, 42], [
7, 93, 87], [51, 69, 40], [38, 23, 33], [57, 86, 31]]
        }, {
```
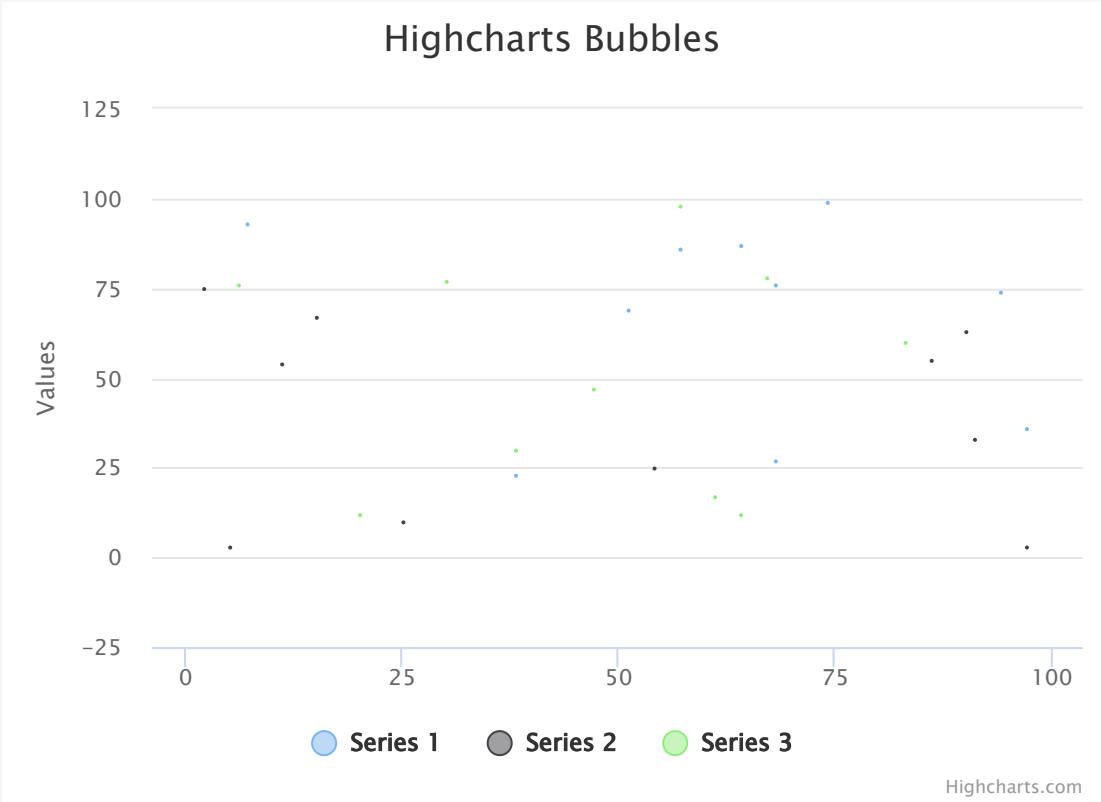
```
            data: [[25, 10, 87], [2, 75, 59], [11, 54, 8], [86, 55, 93], [5, 3, 58], [90, 63, 44], [91,
33, 17], [97, 3, 56], [15, 67, 48], [54, 25, 81]]
        }, {
            data: [[47, 47, 21], [20, 12, 4], [6, 76, 91], [38, 30, 60], [57, 98, 64], [61, 17, 80], [83
, 60, 13], [67, 78, 75], [64, 12, 10], [30, 77, 82]]
        }
    ];

    var json = {};
    json.chart = chart;
    json.title = title;
    json.series = series;
    $('#container').highcharts(json);

});
</script>
</body>
</html>
```

尝试一下 »

以上实例输出结果为：

3D 气泡图

series.marker

设置 series.marker 渐变让其看起来有 3D 的效果。

```
marker: {
    fillColor: {
        radialGradient: { cx: 0.4, cy: 0.3, r: 0.7 },
        stops: [
            [0, 'rgba(255,255,255,0.5)'],
            [1, Highcharts.Color(Highcharts.getOptions().colors[0]).setOpacity(0.5).get('rgba')]
        ]
    }
}
```

实例

文件名：highcharts_bubble_3d.htm

```
<html>
<head>
<title>Highcharts 教程 | 菜鸟教程(runoob.com)</title>
    <script src="http://apps.bdimg.com/libs/jquery/2.1.4/jquery.min.js"></script>
    <script src="/try/demo_source/highcharts.js"></script>
    <script src="http://code.highcharts.com/highcharts-more.js"></script>
</head>
<body>
<div id="container" style="width: 550px; height: 400px; margin: 0 auto"></div>
<script language="JavaScript">
$(document).ready(function() {
    var chart = {
        type: 'bubble',
        plotBorderWidth: 1,
        zoomType: 'xy'
    };
    var title = {
        text: 'Highcharts bubbles with radial gradient fill'
    };
    var xAxis = {
        gridLineWidth: 1
    };

    var yAxis = {
        startOnTick: false,
        endOnTick: false
    };

    var series= [{
            data: [
                [9, 81, 63],
                [98, 5, 89],
```

```
                    [51, 50, 73],
                    [41, 22, 14],
                    [58, 24, 20],
                    [78, 37, 34],
                    [55, 56, 53],
                    [18, 45, 70],
                    [42, 44, 28],
                    [3, 52, 59],
                    [31, 18, 97],
                    [79, 91, 63],
                    [93, 23, 23],
                    [44, 83, 22]
                ],
                marker: {
                    fillColor: {
                        radialGradient: { cx: 0.4, cy: 0.3, r: 0.7 },
                        stops: [
                            [0, 'rgba(255,255,255,0.5)'],
                            [1, Highcharts.Color(Highcharts.getOptions().colors[0]).setOpacity(0.5).get('rgb
a')]
                        ]
                    }
                }
            }, {
                data: [
                    [42, 38, 20],
                    [6, 18, 1],
                    [1, 93, 55],
                    [57, 2, 90],
                    [80, 76, 22],
                    [11, 74, 96],
                    [88, 56, 10],
                    [30, 47, 49],
                    [57, 62, 98],
                    [4, 16, 16],
                    [46, 10, 11],
                    [22, 87, 89],
                    [57, 91, 82],
                    [45, 15, 98]
                ],
                marker: {
                    fillColor: {
                        radialGradient: { cx: 0.4, cy: 0.3, r: 0.7 },
                        stops: [
                            [0, 'rgba(255,255,255,0.5)'],
                            [1, Highcharts.Color(Highcharts.getOptions().colors[1]).setOpacity(0.5).get('rgb
a')]
                        ]
                    }
                }
```
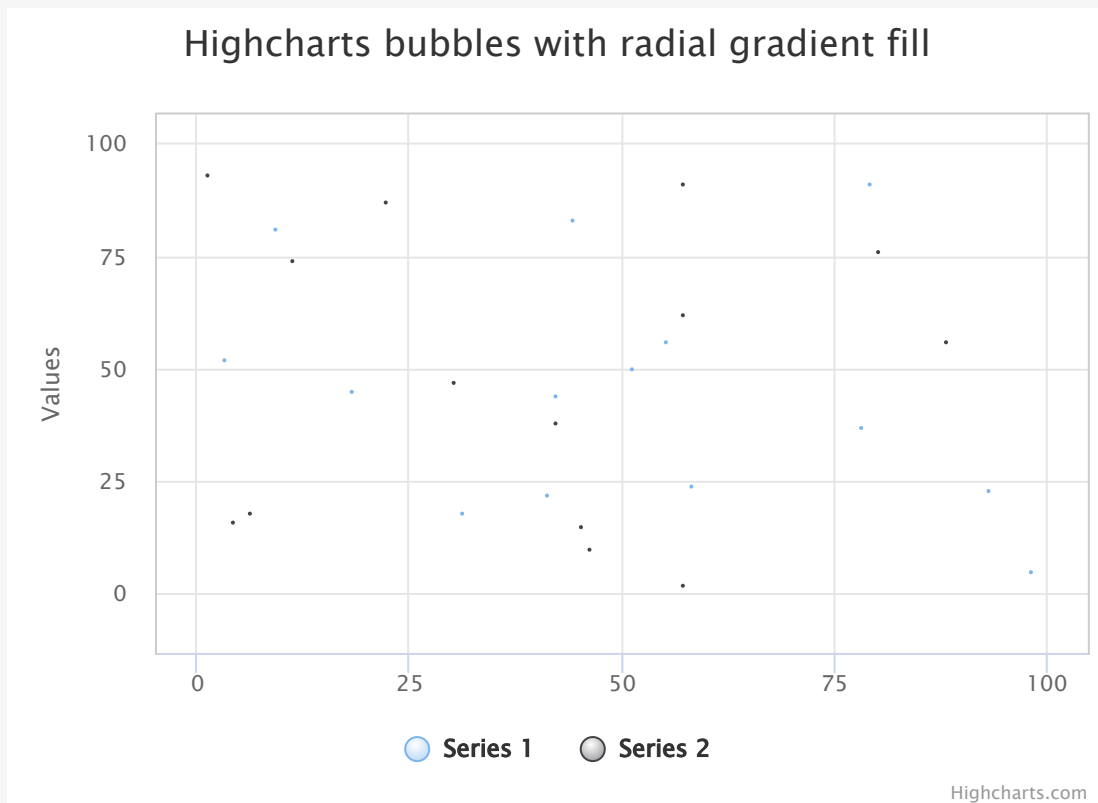
```
                    }
                }
            ];

            var json = {};
            json.chart = chart;
            json.title = title;
            json.xAxis = xAxis;
            json.yAxis = yAxis;
            json.series = series;
            $('#container').highcharts(json);

        });
</script>
</body>
</html>
```

尝试一下 »

以上实例输出结果为：

Highcharts bubbles with radial gradient fill

← Highcharts 散点图　　　　　　　　　　　　　　　　　Highcharts 动态图 →

✎ 点我分享笔记