

Quick Reference

Version 2.2-SNAPSHOT

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Chapter 1. Charts

1.1. Core Chart

1.1.1. Pie Chart

VisualizationController.groovy

```
class VisualizationController {
    def pieChart() {
        List myDailyActivitiesColumns = [['string', 'Task'], ['number', 'Hours per Day']]
        List myDailyActivitiesData = [['Work', 11], ['Eat', 2], ['Commute', 2], ['Watch
TV', 2], ['Sleep', 7]]
        render template: "pieChart", model: ["myDailyActivitiesColumns":
myDailyActivitiesColumns,
        "myDailyActivitiesData": myDailyActivitiesData]
    }
}
```

_pieChart.gsp

```
<gvisualization:pieCoreChart elementId="piechart" title="My Daily Activities"
width="${450}" height="${300}"
columns="${myDailyActivitiesColumns}" data="${myDailyActivitiesData}" />
<div id="piechart"></div>
```

1.1.2. Bar Chart

VisualizationController.groovy

```
class VisualizationController {
    def barChart() {
        List companyPerformanceColumns = [['string', 'Year'], ['number', 'Sales'],
['number', 'Expenses']]
        List companyPerformanceData = [['2004', 1000, 400], ['2005', 1170, 460], ['2006',
660, 1120], ['2007', 1030, 540]]
        render template: "barChart", model: ["companyPerformanceColumns":
companyPerformanceColumns, "companyPerformanceData": companyPerformanceData]
    }
}
```

_barChart.gsp

```
<gvisualization:barCoreChart elementId="barchart" title="Company Performance"
width="${400}" height="${240}" vAxis="${[title: 'Year', titleColor: 'red']}"
columns="${companyPerformanceColumns}" data="${companyPerformanceData}" />
<div id="barchart"></div>
```

1.1.3. Bubble Chart

VisualizationController.groovy

```
class VisualizationController {
    def bubbleChart() {
        List lifeExpectancyFertilityRateData = [['CAN', 80.66, 1.67, 'North America',
33739900], ['DEU', 79.84, 1.36, 'Europe', 81902307], ['DNK', 78.6, 1.84, 'Europe',
5523095], ['EGY', 72.73, 2.78, 'Middle East', 79716203], ['GBR', 80.05, 2, 'Europe',
61801570], ['IRN', 72.49, 1.7, 'Middle East', 73137148], ['IRQ', 68.09, 4.77, 'Middle
East', 31090763], ['ISR', 81.55, 2.96, 'Middle East', 7485600], ['RUS', 68.6, 1.54,
'Europe', 141850000], ['USA', 78.09, 2.05, 'North America', 307007000]]
        render template: "bubbleChart", model: ["lifeExpectancyFertilityRateData":
lifeExpectancyFertilityRateData]
    }
}
```

_bubbleChart.gsp

```
<gvisualization:bubbleCoreChart elementId="bubblechart" title="Correlation between
life expectancy, fertility rate and population of some world countries (2010)"
hAxis="${[title: 'Life Expectancy']}" vAxis="${[title: 'Fertility Rate']}"
bubble="${[textStyle: '{fontSize: 11}']}"
columns="${lifeExpectancyFertilityRateColumns}"
data="${lifeExpectancyFertilityRateData}" />
```

1.1.4. Column Chart

1.1.5. Area Chart

1.1.6. Line Chart

1.1.7. Scatter Chart

1.1.8. Stepped Area Chart

1.1.9. Candlestick Chart

1.1.10. Combo Chart

1.2. Additional Charts

1.2.1. Gauge

1.2.2. Table

1.2.3. Map

1.2.4. Annotated Time Line

1.2.5. Annotation Chart

1.2.6. Org Chart

1.2.7. Intensity Map

1.2.8. Geo Map

1.2.9. Geo Chart

1.2.10. Motion Chart

1.2.11. Tree Map

1.2.12. Timeline

1.2.13. Calendar Chart

Unresolved directive in charts/additional.adoc - include::additional/core/dataTableRole.adoc[]