AJAX Toolkit Charting Model in ASP.NET 4.5 +

## **1- PieChart**

The PieChart control enables you to render a pie chart from one or more PieChartValues. This control is compatible with any browser which supports SVG including Internet Explorer 9 and above.

***PieChart Properties***

* ChartHeight - This property enables you to customize the height of the chart.
* ChartWidth - This property enables you to customize the width of the chart.
* ChartTitle - This property enables you to set the title of the chart.
* ChartTitleColor - This property enables you to set the font color of the chart title.

***PieChartValue Properties:***

* Category - This property is required and provides name for a particular PieChartValue.
* Data - This property is required and provides Data for a particular PieChartValue.
* PieChartValueColor - This property enables you to set the color of segment for a particular PieChartValue.
* PieChartValueStrokeColor - This property enables you to set the stroke color of segment for a particular PieChartValue.

# **2-LineChart**

The LineChart control enables you to render a line chart from one or more series of values. This control is compatible with any browser which supports SVG including Internet Explorer 9 and above.

**LineChart Properties**

* ChartHeight - This property enables you to customize the height of the chart.
* ChartWidth - This property enables you to customize the width of the chart.
* ChartTitle - This property enables you to set the title of the chart.
* CategoryAxis - This is a required property. You need to provide a set of values for the category axis to create a line chart.
* ChartType - This property enables you to render two types of line charts 1. Basic 2. Stacked.
* Theme - This property enables you to control the appearance of the line chart with a Cascading Style Sheet file.
* ValueAxisLines - This property enables you to set the interval size for the value axis line.
* ChartTitleColor - This property enables you to set the font color of the chart title.
* CategoryAxisLineColor - This property enables you to set the color of the category axis lines.
* ValueAxisLineColor - This property enables you to set the the color of the value axis lines.
* BaseLineColor - This property enables you to set the color of the base lines of the chart.
* TooltipBackgroundColor - This property enables you to set the background color of the tooltip box.
* TooltipFontColor - This property enables you to set the font color of the tooltip box.
* TooltipBorderColor - This property enables you to set the border color of the tooltip box.
* AreaDataLabel - This property enables you to set the text/label that will be shown in the tooltip and describe about area data value.

**LineChartSeries Properties:**

* Name - This property is required.
* Data - This property is required and provides data for a particular series.
* LineColor - This property enables you to set the color of line for a particular series.

# **3- BarChart**

The BarChart control enables you to render a bar chart from one or more series of values. This control is compatible with any browser which supports SVG including Internet Explorer 9 and above. This control can display four types of BarCharts: Column, StackedColumn, Bar and StackedBar.

**BarChart Properties**

* ChartHeight - This property enables you to customize the height of the chart.
* ChartWidth - This property enables you to customize the width of the chart.
* ChartTitle - This property enables you to set the title of the chart.
* CategoryAxis - This is a required property. You need to provide a set of values for the category axis to create a bar chart.
* ChartType - This property enables you to render different types of bar charts including Column, StackedColumn, Bar, and StackedBar.
* Theme - This property enables you to control the appearance of the bar chart with a Cascading Style Sheet file.
* ValueAxisLines - This property enables you to set the interval size for the value axis line.
* ChartTitleColor - This property enables you to set the font color of the chart title.
* CategoryAxisLineColor - This property enables you to set the color of the category axis lines.
* ValueAxisLineColor - This property enables you to set the the color of the value axis lines.
* BaseLineColor - This property enables you to set the color of the base lines of the chart.

**BarChartSeries Properties:**

* Name - This property is required.
* Data - This property is required and provides data for a particular series.
* BarColor - This property enables you to set the color of bar for a particular series.

# **4- AreaChart**

The AreaChart control enables you to render a area chart from one or more series of values. This control is compatible with any browser which supports SVG including Internet Explorer 9 and above. This control can display two types of Areacharts - Basic, Stacked.

**AreaChart Properties**

* ChartHeight - This property enables you to customize the height of the chart.
* ChartWidth - This property enables you to customize the width of the chart.
* ChartTitle - This property enables you to set the title of the chart.
* CategoryAxis - This is a required property. You need to provide a set of values for the category axis to create a line chart.
* ChartType - This property enables you to render two types of area charts 1. Basic 2. Stacked.
* Theme - This property enables you to control the appearance of the area chart with a Cascading Style Sheet file.
* ValueAxisLines - This property enables you to set the interval size for the value axis line.
* ChartTitleColor - This property enables you to set the font color of the chart title.
* CategoryAxisLineColor - This property enables you to set the color of the category axis lines.
* ValueAxisLineColor - This property enables you to set the the color of the value axis lines.
* BaseLineColor - This property enables you to set the color of the base lines of the chart.

**AreaChartSeries Properties:**

* Name - This is required and you need to provide the name of series.
* AreaColor - This property enables you to set the color of area for a particular series.
* Data - This property is required and provides data for a particular series.

# **5- BarChart**

The BarChart control enables you to render a bar chart from one or more series of values. This control is compatible with any browser which supports SVG including Internet Explorer 9 and above.This control can display four types of BarCharts: Column, StackedColumn, Bar and StackedBar.

**BarChart Properties**

* ChartHeight - This property enables you to customize the height of the chart.
* ChartWidth - This property enables you to customize the width of the chart.
* ChartTitle - This property enables you to set the title of the chart.
* CategoryAxis - This is a required property. You need to provide a set of values for the category axis to create a bar chart.
* ChartType - This property enables you to render different types of bar charts including Column, StackedColumn, Bar, and StackedBar.
* Theme - This property enables you to control the appearance of the bar chart with a Cascading Style Sheet file.
* ValueAxisLines - This property enables you to set the interval size for the value axis line.
* ChartTitleColor - This property enables you to set the font color of the chart title.
* CategoryAxisLineColor - This property enables you to set the color of the category axis lines.
* ValueAxisLineColor - This property enables you to set the the color of the value axis lines.
* BaseLineColor - This property enables you to set the color of the base lines of the chart.

**BarChartSeries Properties:**

* Name - This property is required.
* Data - This property is required and provides data for a particular series.
* BarColor - This property enables you to set the color of bar for a particular series.