



Chart is a graphical representation of data, in which "the data is represented by symbols, such as bars in a bar chart, lines in a line chart, or slices in a pie chart". A chart can represent tabular numeric data, functions or some kind of qualitative structure and provides different info.

CHART VIEW

Chart View helps to represent data in visual format for improving understandability of your app users. Using charts to display data can help users understand the information more easily than they would if it were presented in a document or spreadsheet, especially when dealing with a lot of data. With charts, you can easily see patterns in the data at a glance as opposed to reading through a whole document (or several documents) to get this information. The use of charts has been a common feature in business and fitness apps.

ConfigureIT Chart View supports Numeric, Categorical and Date/Time axes enabling you to plot any type of data. Use these axes separately or together in a single chart to plot different series against different axes. The control handles and renders against a zero-level axis. Fully Customizable - Configure.IT Chart View provides great customization flexibility to accommodate as many app scenarios as possible. You can tweak everything starting from series fills and borders, axes lines, ticks and labels, to grid fills and borders.

Properties

OBJECT

PARAMETER	DESCRIPTION
Xpos	Sets the X position of the Chart View.
YPos	Sets the Y position of the Chart View.
Width	Sets the width of the Chart View.
Height	Sets the height of the Chart View.
Object ID	Sets unique identifier for the control. Control can be referenced with name set in this property for configuration.
Object Parent ID	Set "Object ID" of Chart View which contains this control or can serve as parent.
Key Name To Data	Sets the web service key from data received from web server, which corresponds to the value to be displayed on the control.
Key To DataSource	Web service key which will be used as data source for Chart View.

LAYOUT SETTING

PARAMETER	DESCRIPTION
Right	For instance, a Right value of 2 will push the view's content by 2 pixels to the left of the right edge.
Top	For instance, a Top value of 2 will push the view's content by 2 pixels to the bottom of the top edge.
Bottom	For instance, a Bottom value of 2 will push the view's content by 2 pixels to the top of the bottom edge.
Center In Parent	This property centers the child vertically with respect to the bounds of its parent view.
Layout Height	Sets the height of the view match_parent/fill_parent : Takes the height as its parent view wrap_content : Takes the height as its content's height
Default Min Width	The width of the view cannot be less than the given value. If user select "Default Min Width" then android default value is taken otherwise it takes 0dp.
Default Min Height	The height of the view cannot be less than the given value. If user select "Default Min Height" then android default value is taken otherwise it takes 0dp.
Left	The padding is expressed in pixels for the left, top, right and bottom parts of the view. Padding can be used to offset the content of the view by a specific amount of pixels. For instance, a Left value of 2 will push the view's content by 2 pixels to the right of the left edge.
Layout Width	Sets the width of the view match_parent/fill_parent : Takes the width as its parent view wrap_content : Takes the width as its content's width
Apply Custom Properties	If any of the layout setting parameter(s) are selected then this value is selected to indicate user applied custom layout setting parameter(s).
Horizontal	Group of horizontal android default properties.
Vertical	Group of vertical android default properties.

ADVANCED

PARAMETER	DESCRIPTION
Clips Subviews	A Boolean value that determines whether subviews are confined to the bounds of the Chart View.

DISPLAY

PARAMETER	DESCRIPTION
User Interaction Enabled	Enables the Interaction with user, i.e. control responds when user taps on it.
Alpha	Used to set the transparency to the object which ranges from 0 to 1.
Background Color	Used to set the background color to the Chart View.
Tint Color	Sets the tint color for the Chart View.

CUSTOM BORDER

PARAMETER	DESCRIPTION
Border Width	Sets border width for a Chart View.
Border Corner Radius	Sets radius with which control's rounded corners should be drawn. Setting this property will enable control appear with rounded corners.
Border Color	Sets the border color for a control. Works only if "Border Width" property is set to a value more than 0. Default would be black color.
Dash Width For Dashed Border	Sets width of each dash in dashed border pattern for a Chart View.
Space Between Dashes For Dashed Border	Helps set the spacing between Dashes for Dashed Border.
Transform Angle	Sets angle in degrees to which the Chart View which is in its normal state, has to be rotated. Possible values for this property are -360 to 360.

DISPLAY/ADVANCETEXT

PARAMETER	DESCRIPTION
Hide	Hiding an element can be done by checking 'Hide'. This property lets you hide the control. Advance - Sets auto resizing with respect to superview, for Chart View.

PIE CHART PROPERTIES

PARAMETER	DESCRIPTION
Key Name To Pie Slice Text	Sets angle in degrees to which theChart View which is in its normal state, has to be rotated. Possible values for this property are -360 to 360.
Show legend for pie chart	This property is for enabling flag to display legend for the Pie-Chart.
Is pie slice label rotation relative to radius	This property is for enabling rotation of text labels on pie slices to be relative to radius.
Padding for selected pie slice	Padding for the selected pie slice in pie chart
Pie Slice Label Font Color	Color of font for labels on pie slices
Pie Slice Label Font Name	Font name for labels on pie slices
Pie Slice Label Font Size	Size of font for labels on Pie Slices
Legend Background Color	This property is for background color legend.
Legend Font Color	This property is for setting color for text displayed in legend.
Legend Font Name	This property is for setting font name for text displayed in legend.
Legend Font Size	This property is for setting font size for text displayed in legend.

CIT CUSTOM PROPERTIES

PARAMETER	DESCRIPTION
Graph Type	This property is for setting type of the graph to be displayed. You can select from following options
Key Name to Plot Data	Name of the key in datasource which has input data for plot.
Key Name To Plot Name	Name of the key in datasource which having name or details of data for plot.
Enable Dotted Grid	This property is for enabling plotting of dotted grid lines. If this property is enabled grid lines will be plotted as dotted lines else grid lines will be plain lines.
Plot data range	Use this property to specify the range of data to be displayed on graph.
Display Data In Reverse Order	This property is used to display graph in reverse order of data.
Plot Background Color	Sets BackGround color of plot area.
Plot Border Color	Sets color of plot area border line.
Vertical Grid Line Color	This property is for setting color for the horizontal grid lines of plot area.
Horizontal Grid Line Color	This property is for setting color for vertical grid lines of graph plot area.
Marker Symbol Fill Color	This property is for setting color to fill in marker symbols of scatter plot.
Scatter Plot Gradient Color	This property is for setting gradient color for line chart.
Plot Line Width	Sets width of line for line chart.
Plot Border Width	Sets the value of width for plot area border line.
Plot Border Padding	Helps setting the value of padding for plot area.
Plot Color Code	Sets the color for the data plot.
Plot Marker Symbol	Plots the Marker symbol for line chart.
Marker Symbol Size	This property is for setting size of marker symbol of plot.
X-Axis Label Font Color	This property is for setting color for text displayed on labels of X-Axis.
X-Axis Label Font Name	This property is for setting font name for text displayed on labels of X-Axis.
X-Axis Label Font Size	This property is for setting font size for text displayed on labels of X-Axis.
X Axis Scale Labels Count	This property is for setting step value of the interval at which the labels on X-Axis should be displayed.
X Axis Label Rotation	This property is for setting rotation angle in degrees to which labels on X-Axis has to be rotated.
Y-Axis Label Font Color	This property is for setting color for text displayed on labels of Y-Axis.
Y-Axis Label Font Name	This property is for setting font name for text displayed on labels of Y-Axis.
Y-Axis Label Font Size	This property is for setting font size for text displayed on labels of Y-Axis.
Y Axis Scale Labels Count	This property is for setting step value of the interval at which the labels on Y-Axis should be displayed.
Y Axis Label Rotation	This property is for setting rotation angle in degrees to which labels on Y-Axis has to be rotated.

VERTICAL

PARAMETER	DESCRIPTION
Vertical Group	Group of vertical android default properties.
Reference Type	These are the android default properties to set selected view with respect of other view.
Reference Value	Reference object that is used for positioning selected object
Offset Type	marginTop : Specifies extra space on the top side of this view. This space is outside this view's bounds. marginBottom : Specifies extra space on the bottom side of this view. This space is outside this view's bounds.
Offset Value	Value defines the extra space value in pixel.
Center Vertical	This property centers the child vertically with respect to the bounds of its parent view.
Apply Vertical Custom Properties	If any of the vertical layout setting parameter(s) are selected then this value is selected to indicate user applied vertical custom layout setting parameter(s).

HORIZONTAL

PARAMETER	DESCRIPTION
Horizontal Group	Group of horizontal android default properties.
Reference Type	Reference type is the the default property to set selected view with respect to other view.
Reference Value	Reference object that is used for positioning selected object.
Offset Type	marginLeft : Specifies extra space on the left side of this view. This space is outside this view's bounds. marginRight : Specifies extra space on the right side of this view. This space is outside this view's bounds.
Offset Value	Offset Value defines the extra space value in the pixel.
Center Horizontal	This property centers the child horizontally with respect to the bounds of its parent view.
Apply Horizontal Custom Properties	If any of the horizontal layout setting parameter(s) are selected then this value is selected to indicate user applied horizontal custom layout setting parameter(s).

Actions

Load

This event is triggered on load of a control. So any actions you want to perform when a control loads like WSCall to load data to be shown on control can be configured in "LOAD" event listed under "Action(S)" tab of the control.

Remarks

Graph Type

This property is for setting type of the graph to be displayed. You can select from following options :-

- 1) Bar Chart
- 2) Scatter Plot
- 3) Curved Scatter Plot
- 4) Stepped Scatter Plot
- 5) Gradient Scatter Plot
- 6) Pie Chart
- 7) Donut Chart

Basic configuration steps for Chart View configuration

Select Graph Type:

->Choose one of the available graph from “Graph Type” property.

Assign DataSource:

-> Set “Key Name to Plot Data” parameter with a field name from API response, which is holding value to be displayed on graph.

-> Set “Key Name to Plot Name” parameter with a field name from API response, which is holding the text that should be displayed on x-axis for respective value.

-> Choose a value from Plot Marker symbol parameter to display markers symbols on graph.

-> Set “Plot Color Code” parameter with color code of the plot on graph.

-> Set “X Axis Scale Interval” and “Y Axis Scale Interval” parameters to set the number of marker labels to be displayed on X and Y axis respectively.

Related faqs

How to display plot name for pie chart?

I want to display graph plots in reverse order is it possible?