

## GraphObject Object

The **GraphObject** Object represents a graph/chart found in a report. This object provides properties for retrieving information and setting options for a graph in your report (i.e., graph data type - group, detail or graph display type - bar, pie, etc.).

### Properties

**Application** - Returns a reference to the Application Object this object is associated with. Read only.

**ColumnGroupNumber** - Returns/Sets the group number that the column of the graph gets its data from (i.e., in a stacked bar graph, the "column" is the bar of the graph, so there will be one bar for each group). Read/Write.

**ConditionField** - Returns/Sets the Detail field to be graphed on. This property applies to only detail graphs; using this property with a cross-tab or group graph will result in an error. Read/Write.

**CrossTabObject** - Returns CrossTabObject Object with information regarding the cross-tab object used to graph on. This property applies only to cross-tab graphs; using this property with a detail or group graph will result in an error. Read only.

**DataFields** - Returns the FieldDefinitions object that represents the data fields of the graph (i.e., numeric fields for graph data). Specifies a collection of graph data fields. This property applies only to detail graphs; using this property with a cross-tab or group graph will result in an error. Read only.

**DataType** - Returns CRGraphDataType (see table below) which specifies the type of data used in the graph. Read only.

crCrossTabGraph	2
crDetailGraph	1
crGroupGraph	0

**Direction** - Returns/Sets CRGraphDirection (see table below) indicating if the graph groups on only the rows of a cross-tab, only the columns, or a combination of both (i.e., for stacked bar graph). This property applies to only cross-tab graphs; using this property with a detail or group graph will result in an error. Read/Write.

CrGDColumnsOnly	1
crGDMixedColumnRow	3
crGDMixedRowColumn	2

**Property** - Description Read/Write.

**DisplayType** - Returns/Sets CRGraphDisplayType (see table below) indicating which graph representation type used for the graph (i.e., SideBySideGraph, PieGraph, etc.). Read/Write.

crAreaGraph	120
crFaked3DPercentBarGraph	6
crFaked3DSideBySideBarGraph	4
crFaked3DStackedBarGraph	5
crLineGraph	80
crMultiPieGraph	42
crPercentBarGraph	3
crPieGraph	40
crProportionalMultiPieGraph	43
crSideBySideGraph	0
crStackedBarGraph	2
crThreedBarGraph	160
crUnkownTypeGraph	1000
crUserDefinedGraph	500

**FontFaceName** - Returns/Sets the font for the title, subtitle, and footnote text included with the graph. Fonts available for any report are dependent upon the printer driver selected for the report. Read/Write.

**FootNote** - Returns/Sets the footnote text that appears at the bottom of the graph. Read/Write.

**GroupsTitle** - Returns/Sets the title of the groups which are being graphed. Read/Write.

**Kind** - Returns CRObjectKind object which specifies what "kind" of object (i.e., box, cross-tab, field, etc.). Read only.

crBlobFieldObject	9
crBoxObject	4
crCrossTabObject	8
crFieldObject	1
crGraphObject	7
crLineObject	3
crOleObject	6
crSubreportObject	5

**MaxValue** - Returns/Sets the maximum value that will appear in the graph. Any graph values above this value are not charted. Read/Write.

**MinValue** - Returns/Sets the minimum value that will appear in the graph. Any graph values below this value are not charted. Read/Write.

**Parent** - Reference to the Parent object (Section Object). Read only.

**Report** - Reference to Report Object. Read only.

**RowGroupNumber** - Returns/Sets the group number of the group that supplies the data for the graphs rows. For example, in a stacked bar graph, the row would be the stacked data. For graphs with no rows, this value is -1. (This property does not apply to a detail graph.) Read/Write.

**SeriesTitle** - Returns/Sets the title of the series which is being graphed. Read/Write.

**ShowDataValueEnabled** - Returns/Sets Boolean value indicating whether or not to display the numeric value associated with each riser on the chart. If set to TRUE (1), a value appear in the graph for each riser. Read/Write.

**ShowGridLineEnabled** Returns/Sets Boolean value indicating whether or not to display grid lines on the graph. Read/Write.

**ShowLegendEnabled** Returns/Sets Boolean value indicating whether or not to display the graph legend. Read/Write.

**ShowVerticalBarEnabled** - Returns/Sets Boolean value indicating whether to display the bars in a bar graph vertically or horizontally. Read/Write.

**SubTitle** - Returns/Sets the subtitle text that will appear directly under the main title. Read/Write.

**SummarizedField** - Returns/Sets SummaryFieldDefinition Object used to supply the data for a group graph. (This property does not apply to a detail graph.) Read/Write.

**Title** - Returns/Sets the main title text that will appear above the graph. Read/Write.

**XAxisTitle** - Returns/Sets the text that will appear for the X axis. Not valid for Pie graphs. Read/Write.

**YAxisTitle** - Returns/Sets the text that will appear for the Y axis. Not valid for Pie graphs. Read/Write.

**ZAxisTitle** - Returns/Sets the text that will appear for the Z axis. This value is only valid for 3D graphs. Read/Write.