4D Chart®

Addendum Version 6.0.5
for Windows and Mac OS

4D Chart
by
ACI SA

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Contents

1 Modifications

Tips—information about a graph and its data—is a new feature in 4D Chart. Tips are available for both XY and non-XY graphs.

The user can display tips for any position of the cursor in the graph.

Tips display the following types of information:

- Value (on which the cursor is located).
- Ratio between a value (on which the cursor is located) and the total of values in that category. This ratio is expressed as a percentage.
- Category.

The following table lists the graph types and the information that can be displayed in the associated tips:

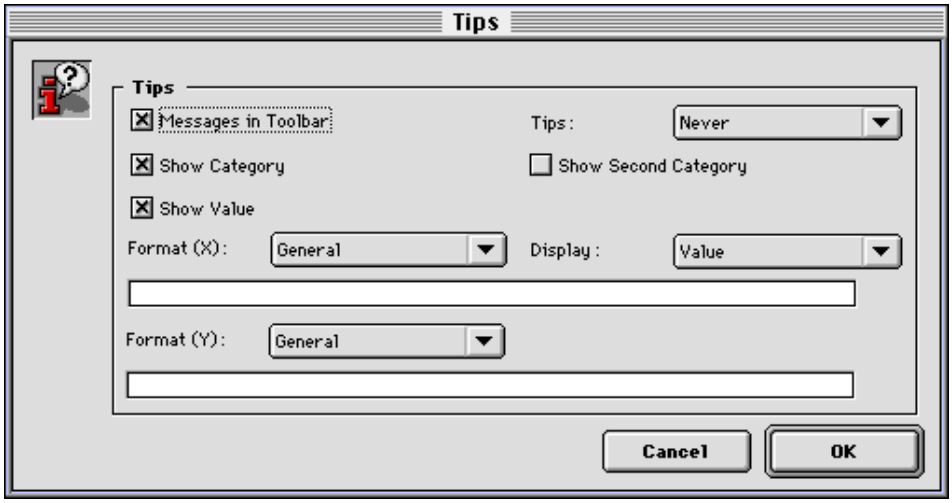
Type of Graph	Tips
2D Column	Values and percentages
2D Line	None
2D Pie	Values and percentages
2D Area	None
2D XY	Values only
2D Picture	Values and percentages
2D Polar	Values only
3D Column	Values only
3D Line	None
3D Area	None
3D Surface	None
3D Triangle	Values only
3D Spike	Values only

The values in the tips are based on the data as displayed in the graph, and thus may be approximations based on the screen resolution.

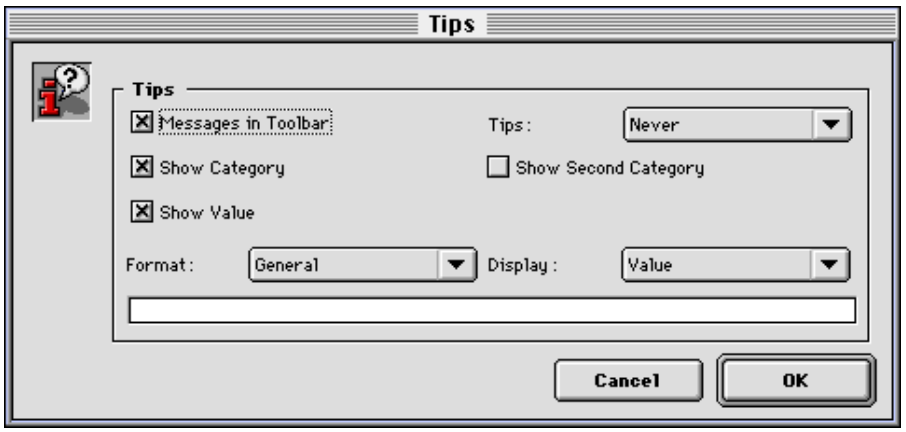
Tip attributes are accessed manually in the Tips dialog box (from the Tips item in the Chart menu) or programmatically using the commands CT GET TIPS ATTRIBUTES and CT SET TIPS ATTRIBUTES.

The Tips dialog boxes differ for XY and non-XY graphs.

XY Graph:



Non-XY Graph:



In the Tips dialog box, you can adjust the properties of the tips displayed for any graph.

The Tips list box enables you to select when to display tips. The choices are Never, Always and On Request.

Selecting the Messages in Toolbar option displays the tips in the toolbar. If this check box is not selected, the tip will be displayed in an independent message box. The default is to display the tips in the toolbar.

Selecting the Show Category option displays the value of the Category axis in the tips. The default is to display the Category axis value.

Selecting the Show Second Category displays the value of the second Category axis in the tips. The default is to not show the second category. In the case of a 2D graph, selecting this option displays the field name of the Category axis value.

Selecting the Show Value option displays the value of the Values axis in the tips. The default is to display the Values axis value.

The Display list box enables you to choose to display the category value, percentage (the ratio between the value on which the cursor is located and the total of values in that category) or both.

The Format list box enables you to select the display format for values displayed. The default is General. If the Format selected is General, the text box below the Format list box allows you to enter text for the Values axis. In the case of XY graphs, there are two Format list boxes and text boxes, to accommodate the X and Y Values axes.