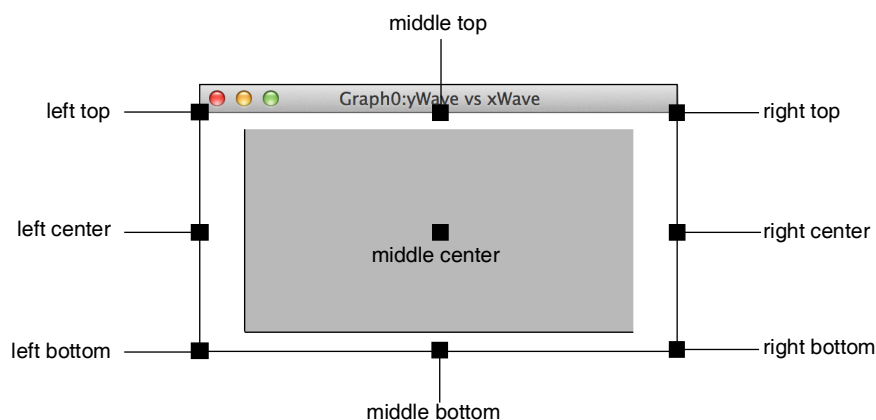**Anchor Points for Interior Textboxes**

An exterior textbox is positioned relative to a reference point on the edge of the window and the textbox is normally outside the plot area.

Anchor Points for Exterior Textboxes

The purpose of the exterior textbox is to allow you to place a textbox away from the plot area of the graph. For example, you may want it to be above the top axis of a graph or to the right of the right axis. Igor tries to keep exterior textboxes away from the graph by pushing the graph away from the textbox.

The direction in which it pushes the graph is determined by the textbox's anchor. If, for example, the textbox is anchored to the top then Igor pushes the graph down, away from the textbox. If the anchor is middle-center, Igor does not attempt to push the graph away from the textbox. So, an exterior textbox anchored to the middle-center behaves like an interior textbox.

If you specify a margin, using the Modify Graph dialog, this overrides the effect of the exterior textbox, and the exterior textbox will not push the graph.

The XY Offset in the Position Tab gives the horizontal and vertical offset from the anchor to the textbox as a percentage of the horizontal and vertical sizes of the graph's plot area for interior textboxes or the window sizes for exterior textboxes.

The Position pop-up menu allows you to set the position to moveable or frozen. "Frozen" means that the position of the textbox so that it moved with the mouse. This is useful if you are using the textbox to label an axis tick mark and don't want to accidentally move it.

Textbox and Legend Positioning in a Page Layout

Annotations in a page layout window are positioned relative to an anchor point on the edge of the printable part of the page. The distance from the anchor point to the textbox is determined by the X and Y offsets