The info pane appears below the main list. When you select an object in the main list, its properties or contents appear in the info pane. For example, when you select a variable, its name and value are displayed in the info pane.

If you select a wave in the main list, the info pane displays various properties of the wave, such as type, size, dimensions, units, start X, delta Xand note. Each of these fields is displayed as a blue label followed by a plain text value. You can control which properties are displayed using the Data Browser category of the Miscellaneous Settings Dialog.

If you select a data folder, the info pane may display notes for the data folder. See **Data Folder Notes** on page II-120 for details.

You can edit the name and value of a numeric or string variable, or the name and properties of a wave, by clicking the Edit Object Properties button at the top right corner of the info pane. The button appears only when a single object is selected. Clicking it displays the Edit Object Properties dialog.

The info pane can also display statistics for any selected wave. To show wave statistics, click the sigma icon at the top of the info pane. To change back to normal mode, click the i icon.

You can copy the text displayed in the info pane to the clipboard by clicking the clipboard button at the top of the info pane.

You can control various aspects of the info pane display by right-clicking and choosing an item from the Settings submenu. The options include how white space is displayed, parenthesis matching, syntax coloring, and word wrap.

The Plot Pane

To view the plot pane, check the Plot checkbox.

The plot pane provides a graphical display of a single selected wave. The plot pane is situated below the main list and the info pane. It displays a small graph or image of a wave selected in the main list above it. The plot pane does not display text waves or more than one wave at a time.

You can control various properties of the plot pane by right-clicking and using the resulting pop-up menu.

You can toggle the display of axes by choosing Show Axes from the pop-up menu. You can also toggle between showing a plot of the selected wave and a plot of a 1D histogram by choosing Show Plot or Show Histogram.

Simple 1D real waves are drawn in red on a white background. Complex 1D waves are drawn as two traces with the real part drawn in red and the imaginary in blue. The mode, line style, line size, marker, marker size, and color of the trace can all be configured using the pop-up menu.

2D waves are displayed as an image that by default is scaled to the size of the plot pane and uses the Rainbow color table by default. You can change the aspect ratio and color table via the pop-up menu.

By default, images are displayed with the left axis reversed - that is, the Y value increases from top to bottom, consistent with the behavior of the **NewImage** operation. You can disable this by choosing Reverse Left Axis from the pop-up menu.

When you select a 3D or 4D wave in the main list, the plot pane displays one layer of the wave at a time. Controls at the top of the plot pane allow you to choose which layer is displayed. You can start the plot pane cycling through the layers using the play button and stop it using the stop button.

If the dimensionality of the selected wave is such that it could be interpreted as containing RGB or RGBA data, Igor displays the Automatically Detect RGB(A) checkbox. If you check it, Igor displays the data as an RGB(A) composite image. Otherwise the image data is displayed using a color table, just as with 2D data.