

The command string mechanism is sometimes convenient but somewhat kludgy. It is cleaner and more transparent to get the list of selected objects using the **GetBrowserSelection** function and then process the list using normal list-processing techniques.

Using the Find in Data Browser Dialog

If you choose the Edit→Find, the Data Browser displays the Find in Data Browser dialog. This dialog allows you to find waves, variables and data folders that might be buried in sub-data folders. It also provides a convenient way to select a number of items at one time, based on a search string. You can then use the Execute Cmd button to operate on the selection.

The Find in Data Browser dialog allows you to specify the text used for name matching. Any object whose name contains the specified text is considered a match.

You can also use the wildcard character "*" to match zero or more characters regardless of what they are. For example, "w*3" matches "wave3", and "w3", ""

The dialog also allows you to specify whether the search should be case sensitive, use whole word matching, and wrap around.

DataBrowser Pop-Up Menu

You can apply various Igor operations to objects by selecting the objects in the Data Browser, right-clicking, and choosing the operation from the resulting pop-up menu.

Using the Display and New Image pop-up items, you can create a new graph or image plot of the selected wave. You can select multiple waves, in the same or different data folders, to display together in the same graph.

The Copy Full Path item copies the complete data folder paths of the selected objects, quoted if necessary, to the clipboard.

The Show Where Object Is Used item displays a dialog that lists the dependencies in which the selected object is used and, for waves, the windows in which the wave is used. This item is available only when just one data object is selected.

The Adopt Wave item adopts a shared wave into the current experiment.

Data Browser Preferences

Various Data Browser settings are controlled from the Data Browser category of the Miscellaneous Settings Dialog. You access them by choosing Misc→Miscellaneous Settings and clicking Data Browser in the lefthand list.

Programming the Data Browser

The Data Browser can be controlled from Igor procedures using the following operations and functions:

CreateBrowser, **ModifyBrowser**, **GetBrowserSelection**, **GetBrowserLine**

Advanced Igor programmers can use the Data Browser as an input device via the **GetBrowserSelection** function. For an example, choose File→Example Experiments→Tutorials→Data Folder Tutorial.

Using the Data Browser as a Modal Dialog

You can use the Data Browser as a modal dialog to let the user interactively choose one or more objects to be processed by a procedure. The modal Data Browser is separate from the regular Data Browser that you invoke by choosing Data→Data Browser. The modal Data Browser normally exists only briefly, while you solicit user input from a procedure.

There are two methods for creating and displaying the modal Data Browser. Examples are provided in the help for the **CreateBrowser** operation.