

Chapter II-10 — Igor HDF5 Guide

- A graph displaying the selected dataset or attribute
- A table displaying the selected dataset or attribute
- A notebook window containing a dump of the selected group, dataset or attribute

Using The HDF5 Browser

To browse HDF5 files, choose Data→Load Waves→New HDF5 Browser. This creates an HDF5 browser control panel. You can create additional browsers by choosing the same menu item again.

Each browser control panel lets you browse one HDF5 file at a time. For most users, one browser will be sufficient.

After creating a new browser, click the Open HDF5 File button to choose the file to browse.

The HDF5 browser contains four lists which display the groups, group attributes, datasets and dataset attributes in the file being browsed.

HDF5 Browser Basic Controls

Here is a description of the basic controls in the HDF5 browser that most users will use.

Create HDF5 File

Creates a new HDF5 file and opens it for read/write.

Open HDF5 File

Opens an existing HDF5 file for read-only or read/write, depending on the state of the Read Only checkbox.

Close HDF5 File

Closes the HDF5 file.

Show Graph

If you click the Show Graph button, the browser displays a preview graph of subsequent datasets or attributes that you select.

Show Table

If you click the Show Table button, the browser displays a preview table of subsequent datasets or attributes that you select.

Load Dataset

The Load Dataset button loads the currently selected dataset into the current data folder.

Load Dataset Options

This section of the browser contains two popup menus that determine if data that you load by clicking the Load Dataset button is displayed in a table or graph.

The Table popup menu contains three items: No Table, Display in New Table, and Append To Top Table. If you choose Append To Top Table and there are no tables, it acts as if you chose Display in New Table.

The Graph popup menu contains three items: No Graph, Display in New Graph, and Append To Top Graph. If you choose Append To Top Graph and there are no graphs, it acts as if you chose Display in New Graph. Appending is useful when you are loading 1D data but of little use when appending multi-dimensional data. Multi-dimensional data is appended as an image plot which obscures anything that was already in the graph.

Text waves are not displayed in graphs even if Display in New Graph or Append To Top Graph is selected.

Save Waves