



## Igor HDF5 Guide

### HDF5 in Igor Pro

HDF5 is a widely-used, very flexible data file format. The HDF5 file format is a creation of the National Center for Supercomputing Applications (NCSA). HDF5 is now supported by The HDF Group (<http://www.hdfgroup.org>).

Igor Pro includes deep support for HDF5, including:

- Browsing HDF5 files
- Loading data from HDF5 files
- Saving data to HDF5 files
- Saving Igor experiments as HDF5 files
- Loading Igor experiments from HDF5 files

Prior to Igor Pro 9.00, HDF5 support was provided by an XOP that you had to activate. HDF5 support is now built into Igor and activation is no longer required.

Support for saving and loading Igor experiments as HDF5 files was added in Igor Pro 9.00. For details see [HDF5 Packed Experiment Files](#) on page II-223.

### Index of HDF5 Topics

Here are the main sections in the following material on HDF5:

[HDF5 Guided Tour](#) on page II-183

[The HDF5 Browser](#) on page II-193

[HDF5 Operations and Functions](#) on page II-197

[HDF5 Procedure Files](#) on page II-198

[HDF5 Attributes](#) on page II-198

[HDF5 Dataset Subsets](#) on page II-202

[Igor Versus HDF5](#) on page II-203

[Advanced HDF5 Data Types](#) on page II-207

[Other HDF5 Issues](#) on page II-219

[HDF5 Packed Experiment Files](#) on page II-223

### HDF5 Guided Tour

This section will get you off on the right foot using HDF5 in Igor Pro.