

HDF5

[Expand all](#) [Collapse all](#)

Welcome to the HDF5 Support Page!

Current Releases: [HDF5-1.12.0](#) [HDF5-1.10.7](#) [HDF5-1.8.21](#)

HDF5 is a data model, library, and file format for storing and managing data. It supports an unlimited variety of datatypes, and is designed for flexible and efficient I/O and for high volume and complex data. HDF5 is portable and is extensible, allowing applications to evolve in their use of HDF5. The HDF5 Technology suite includes tools and applications for managing, manipulating, viewing, and analyzing data in the HDF5 format.

Documentation

- [Learning HDF5](#) - Various tutorials for learning about and using HDF5
- [HDF5 Examples](#) - Example applications for using HDF5
- [Libraries and Tools Reference](#) - Includes:

HDF5 C/Fortran Reference Manual:

- *Core Library:* [H5](#) [H5A](#) [H5D](#) [H5E](#) [H5F](#) [H5G](#) [H5I](#) [H5L](#) [H5O](#) [H5P](#) [H5PL](#) [H5R](#) [H5S](#) [H5T](#) [H5VL](#) [H5Z](#)
 - *High Level:* [H5LT](#) [H5IM](#) [H5TB](#) [H5PT](#) [H5DS](#) [H5DO](#) [Extensions](#)
 - [HDF5 Fortran Library information](#)
- [HDF5 Application Developer's Guide](#) - Includes:

Release Specific Information

- [1.12 Information:](#) [new features](#), [software changes](#), [migrating to 1.12](#)
- [1.10 Information:](#) [new features](#), [software changes](#), [migrating to 1.10](#)

General Topics in HDF5:

- [Information on:](#) [chunking](#), [compression](#), [parallel HDF5](#), [performance](#), etc..

Advanced Topics in HDF5:

- [Information on:](#) [direct chunk](#), [dynamic plugins](#), [metadata cache](#), [VDS](#), [SWMR](#), etc..
- [HDF5 User Guides](#)
 - [Design Specifications](#) - [File format](#), [Image and Palette](#), [Table](#), and [Dimension Scale](#)