HDF5

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Welcome to the HDF5 Support Page!

Current Releases: HDF5-1.8.21 (Download Source) HDF5-1.10.5 (Download Source)

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
- HDF5 User's Guide - A user's guide, including a **PDF** version
- HDF5 Application Developer's Guide - Includes:
    - **Release Specific Information**
      1.10 Information: new features, software changes
      Moving to a new release: Migrating from HDF5 1.8 to HDF5 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..
- Design Specifications - File format, Image and Palette, Table, and Dimension Scale
- 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

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