

hdf5plugin: Use HDF5 compression filters from Python

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hdf5plugin is a Python package (1) providing a set of HDF5 compression filters (namely: Blosc, Blosc2, Bit-Shuffle, BZip2, FciDecomp, LZ4, SZ, SZ3, Zfp, ZStd) and (2) enabling their use from the Python programming language with h5py a thin, pythonic wrapper around libHDF5.

This presentation illustrates how to use hdf5plugin for reading and writing compressed datasets from Python and gives an overview of the different HDF5 compression filters it provides. Finally it concludes on improvement suggestions for the HDF5 compression plugin mechanism.

Website

<http://www.silx.org/doc/hdf5plugin/latest/>

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