

High-level Library

The high-level HDF5 library includes several sets of convenience and standard-use APIs to facilitate common HDF5 operations.

- **Lite** — Functions to simplify creating and manipulating datasets, attributes and other features (H5LT, H5LD)
- **Images** — Creating and manipulating HDF5 datasets intended to be interpreted as images (H5IM)
- **Tables** — Creating and manipulating HDF5 datasets intended to be interpreted as tables (H5TB)
- **Packet Tables** — Creating and manipulating HDF5 datasets to support append- and read-only operations on table data (H5PT)
- **Dimension Scales** — Creating and manipulating HDF5 datasets that are associated with the dimension of another HDF5 dataset (H5DS)
- **Optimizations** — Bypassing default HDF5 behavior in order to optimize for specific use cases (H5DO)
- **Extensions** — Working with region references, hyperslab selections, and bit-fields (H5LR, H5LT)