

# Projects

The HDF Group engages in a variety of open and non-disclosure projects with companies, national laboratories, and research organizations, as well as in-house projects. A subset of projects demonstrating the breadth of our activities is highlighted below.

- **NASA Earth Science Data and Information System** (October 2015 to present)  
The HDF Group provides high quality support and services for the use of HDF software and related technologies to the NASA Earth Science Data and Information System (ESDIS) project and the Earth Observing System (EOS) mission.
- **HDF5 P-Invoke Declarations**  
A complete set of Platform Invoke (P/Invoke) declarations for HDF5.
- **HDF Compass**  
HDF Compass is a new viewer for HDF5 and related formats.
- **HDF Server**  
HDF Server is a Python-based web service that can be used to send and receive HDF5 data using an HTTP-based REST interface.
- **NCSA Systems**  
The HDF Group supports HDF4 and HDF5 on some of NCSA's high end systems.
- **PSH5X**  
PSH5X is a Windows PowerShell module for HDF5.
- **PyHexad**  
PyHexad is a Python-based Excel add-in for HDF5 that can be used to read or write data in HDF5 files from Microsoft Excel on Windows.