# h5py

can be understood just like file organization in computer

An HDF5 file is a container for two kinds of objects: datasets, which are array-like collections of data, and groups, which are folder-like containers that hold datasets and other groups. Groups work like dictionaries, and datasets work like NumPy arrays

1. Open:  
   f = h5py.File('mytestfile.hdf5', 'r')
2. Read groups:

F is a big group, inside big group could be small groups

f.keys()

dset = f['mydataset']

1. Dataset

dset.shape

dset.dtype

dset[...] = np.arange(100)

1. Create

dset = f.create\_dataset("mydataset", (100,), dtype='i')

1. Hierarchical

dset.name

# git

git clone + url