**A list of definitions that should be defined in "HDF5 File and Object Comparison Specification" (higher level document).**

* String comparison
  + Compare string element as a unit as default.  Also ability to compare by each char.
* Array Type comparison
  + Compared Array type element as a unit as default.  Also ability to compare by each number in an Array type element.
* Enum type comparison
  + Compare by string as default.  Also ability to compare by defined number or both.
* Hard link comparison
  + Always follow to the target data values
* Symbolic link comparison (soft and external links)
  + not-follow case
  + follow case
* Reference type comparison (Object and Region)
  + Refer to the symbolic link comparison convention
* Named datatype comparison
  + Refer to the hard link comparison convention
* Fill value comparison (for h5compare only)
  + ‘fill value’ vs. ‘fill value’ case
  + ‘fill value’ vs. ‘real value’ case
  + NOTE: For comparing ‘dataset with fill value’ vs. ‘dataset with real value’; storage status (allocated space vs. non-allocated space) can be by passed as it’s viewed as same dataset according to h5dump output, which would be also user’s view point. If it’s needed to differentiate them, provide it as an optional feature.
* Definition of empty dataset
  + the dataset’s storage size is 0