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      - Which HDF Group tools can I use to view HDF4 objects?
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  - Does HDF5 support cross-compiling?
  - Does HDF5 support data manipulation routines?
  - Does it do IO via standard library containers?
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  - Excessive memory usage and file issues due to objects being left open
  - How can I turn off error messages?
  - How does closing a file affect open objects
  - How does HDF5 compare with Hadoop?
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  - How do I report a bug
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  - How do I store images in HDF5?
  - How do you add CF (Climate and Forecast) attributes to a file?
  - How do you build HDF5 using gcc and either Intel or Lahey Fortran?
  - How do you create a dataset with a 16-bit datatype in F90?
  - How do you define a fill value for a dataset?
  - How do you work with a file created with the file family feature?
  - How is HDF5 different than HDF4
  - If I use h5repack to repack a file with the latest file format, will the new file have the creation order recorded?
  - If you run an application twice on the same machine will it produce identical HDF5 files?
  - Questions about thread-safety and concurrent access
  - Should new products be developed in HDF (HDF4)?
  - What kind of compression methods does HDF5 support?
  - What kind of palettes are supported in HDFView?
  - What limits are there in HDF5?
  - When will the next release of HDF5 be?
  - When writing chunks and using Fletcher checksums are there any situations where the HDF5 API will do a read of a "chunk" under the covers when an application is writing a file?
  - When you specify memspace and filespace for H5Dwrite and H5Dread does it mean allocating memory for both the dataset and memory space (i.e. twice the size of dataset)?
  - Where can I find the latest HDF5 release? What are the new features in this release and what platforms does it support?
  - Why are my data values reversed/swapped/transposed in HDFView?
  - Why are my files sizes different, if I open an HDF5 file more than once rather than writing the data out in one call?
  - Why does re-opening an HDF5 file that is already open with an external link fail, when the file was originally opened with H5F\_CLOSE\_STRONG?
  - H5T\_ARRAY Datatype
  - How to convert an HDF4 or HDF5 file to ASCII (text) or Excel
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  - Are there performance metrics for working with HDF5 files?
  - False valgrind errors with HDF5
  - Linux memory handling and performance
  - Performance-wise, how does HDF5 compare to a relational database?
  - Information on the metadata cache
  - Things that can affect performance
- How to create and write simple vector in HDF5
- How to store FEA data in HDF5
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  - Build Issues
    - Testing ph5diff ... Expected result differs from actual result
    - Can you run Parallel HDF5 and the thread-safe feature together? What about Parallel HDF5 and C++?
    - Problems installing Parallel HDF5 on IBM Regatta (with AIX5)
    - MPI ... failed: array services not available
    - What if Parallel HDF5 tests fail with a ROMIO error: File locking failed in ADIOI\_Set\_lock ... ?
    - How do you build HDF5 on BlueGene/L?
    - OpenMPI Build Issues
  - Closing my HDF5 file, I get a segfault with an error "MPI\_FILE\_SET\_SIZE(76): Inconsistent arguments to collective routine"
  - Dataset gets filtered twice when creating filtered chunk dataset
  - Does HDF5 support compression with parallel HDF5?
  - Does Parallel HDF5 support chunking?
  - Does Parallel HDF5 support shared libraries?
  - Does Parallel HDF5 support variable length datatypes?
  - Error: "The MPI\_Comm\_free() function was called after MPI\_FINALIZE was invoked"
  - How can I read/write a dataset greater than 2GB?
  - How can Parallel HDF5 APIs be called (collectively, independently)?
  - How do you set up HDF5 so only one MPI rank 0 process does I/O?
  - How do you write data when one process doesn't have or need to write data?
  - How do you write to a single file in parallel in which different processes write to separate datasets?
  - How should you write attributes in Parallel HDF5?
  - How to write and NOT to write compound datasets using F90 in Parallel HDF5
  - How would you create separate files for each compute node in a cluster using HDF5?
  - Is there a limit on the number of processes that can access a single HDF5 file at once?
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    - How to improve performance with Parallel HDF5
    - GPFS Optimizations
    - How to pass hints to MPI from HDF5
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    - Chapter 8: User Options
  - Java Native Interface for HDF Version 3

- JHI5 Design Notes
- JHI Design Notes
- HDF Object Package
- User's Guide on How to Implement HDFView Modules