

Converting between HDF4 and HDF5



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Important Note

- **Both HDF4 and HDF5 are supported by the NCSA HDF group.**
- **We will continue to maintain HDF4, as long as we are funded to do so.**
- **We recommend using HDF5, and that you consider migrating from HDF4 to HDF5 to take advantage of the improved features and performance of HDF5.**

See: <http://hdf.ncsa.uiuc.edu/h4-h5.html>



Summary

1. Comprehensive Mapping document from HDF4 to HDF5
2. Conversion utilities and libraries
3. User's guide, reference manual and Programmer's notes for conversion
4. Efforts to combine the converter to HE converter
5. Update HDF5 to HDF4 converter utility for NASA users
6. Conversion utilities and libraries work on all platforms that HDF4 is supported



Tools

- Documentation
 - Mapping of HDF4 and HDF5 objects
- Software
 - H4H5lib: library to read HDF4 object, create “equivalent” HDF5 object
 - H4toh5 utility: convert all objects in HDF4 into new HDF5 file
 - H5toh4 utility: convert (almost) all objects in HDF5 file into equivalent HDF4 file

More Information

1. H4toH5 products: <http://hdf.ncsa.uiuc.edu/h4toh5>
2. H4toH5 mapping documents:
<http://hdf.ncsa.uiuc.edu/HDF5/doc/ADGuide/H4toH5Mapping.pdf>
3. Related Specifications:
<http://hdf.ncsa.uiuc.edu/HDF5/doc/ADGuide/ImageSpec.html>

http://hdf.ncsa.uiuc.edu/HDF5/hdf5_h1/doc/RM_hdf5tb_spec.html



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