Subject: Re: Read HDF format file

Posted by Liam Gumley on Tue, 03 Mar 1998 08:00:00 GMT

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Sophie Fabre wrote:

- > I have a file in HDF format.
- > What are the functions in IDL langage that will allow me to read this
- > file?

In IDL 5.0.3 for Unix, the example program

/usr/local/rsi/idl 5.0.3/examples/misc/sdf/hdf info.pro

may be used to get a rough idea of what is contained in a HDF file, e.g.

IDL> hdf_info, 'myfile.hdf'

Cheers,

Liam.

http://cimss.ssec.wisc.edu/~gumley

Subject: Re: Read HDF format file

Posted by Andy Loughe on Tue, 03 Mar 1998 08:00:00 GMT

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Sophie Fabre wrote:

>

> Hi,

>

- > I have a file in HDF format.
- > What are the functions in IDL langage that will allow me to read this
- > file?

It all depends upon what type of data model was used in creating the HDF file. Most likely the scientific data model, but it could be any one of 8 data models. Here is a helpful list from the on-line documentation along with the routine prefixes used to access the data...

24-bit raster HDF_DF24_ annotation data HDF_DFAN_ palette data HDF_DFP_ 8-bit raster HDF_DFR8_ scientific data HDF_DFSD_ multi-file scientific data HDF_SD_ VData HDF_VD_ VGroup HDF_VG_ 'Hope this helps.

Andrew F. Loughe afl@cdc.noaa.gov University of Colorado, CIRES Box 449 | http://cdc.noaa.gov/~afl

Boulder, CO 80309-0449

| phn:(303)492-0707

fax:(303)497-7013

sense, reason, and intellect has intended us to forego their use."

-Galileo

Subject: Re: Read HDF format file

Posted by davidf on Tue, 03 Mar 1998 08:00:00 GMT

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Sophie Fabre (sfabre@onecert.fr) writes:

- > I have a file in HDF format.
- > What are the functions in IDL langage that will allow me to read this
- > file?

There are several. Certainly too many to explain in a newsgroup article. You can get a table of the functions and two example programs that show you how to use them in the File I/O section of the Tips on my web page.

Cheers,

David

David Fanning, Ph.D.

Fanning Software Consulting E-Mail: davidf@dfanning.com

Phone: 970-221-0438

Coyote's Guide to IDL Programming: http://www.dfanning.com/

[&]quot;I do not feel obliged to believe that the same God who has endowed us with