
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 language 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 language 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.

--

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"I do not feel obliged to believe that the same God who has endowed us
with
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 language 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

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