
Subject: Re: HDF5 compound data structure
Posted by [David Fanning](#) on Thu, 13 Mar 2008 18:17:16 GMT
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Giorgio writes:

- > Does anyone knows how to read data saved under a compound data
- > structure? I am able to open with H5T_OPEN command and to see its
- > components with H5T_GET_NMEMBERS, however I do not know which command
- > is able to read them.

The H5_BROWSER is actually quite decent for reading
HDF5 data files. MUCH better than the HDF_BROWSER.

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming (www.dfanning.com)
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: HDF5 compound data structure
Posted by [Giorgio](#) on Tue, 18 Mar 2008 07:55:59 GMT
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Thanks David. I played with the h5_browser and I can not read the h5
sample data I have. We want to save our experimental data by using the
table structure available with hdf5 format (which is produced by
python). However, in IDL we can not read this. I developed a class
hdf5 following your code ncdf_data__define which performs OK with non-
structured data, but it can not read tables. Do you know how to read
this kind of compound data?

Best wishes,

Giorgio

Subject: Re: HDF5 compound data structure
Posted by [David Fanning](#) on Tue, 18 Mar 2008 13:37:38 GMT
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Giorgio writes:

> Thanks David. I played with the h5_browser and I can not read the h5
> sample data I have. We want to save our experimental data by using the
> table structure available with hdf5 format (which is produced by
> python). However, in IDL we can not read this. I developed a class
> hdf5 following your code ncdf_data__define which performs OK with non-
> structured data, but it can not read tables. Do you know how to read
> this kind of compound data?

No, my experience with HDF5 is extremely limited. I do notice
that in a tutorial for creating tables:

<http://hdf.ncsa.uiuc.edu/HDF5/Tutor/h5table.html#01>

that a function H5TBread_table is called. Nothing like that
seems to be available in IDL, so perhaps tables are not
supported. A quick look at the IDL documentation doesn't
shed any light.

Cheers,

David

--

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Sepore ma de ni thui. ("Perhaps thou speakest truth.")
