Subject: Re: Help with HDF_VD_WRITE - field names
Posted by Thiago Biscaro on Tue, 08 Apr 2008 12:47:08 GMT
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On 7 abr, 14:37, jameskuy...@verizon.net wrote:
> Thiago Biscaro wrote:
>> Hi everybody
>
>> I'm trying to write a Vdata to an HDF file, but for some reason, the
>> only field description IDL accepts is 'PX', like the example in the
>> IDL user's guide.
>
>> The command
>
>> HDF_VD_WRITE, Vdat, 'PX', intarr(5)
>
>> works fine, but
>
>> HDF_VD_WRITE, Vdat, 'RR', intarr(5)
>
>> returns
>
>> HDF_VD_WRITE: Unable to set the VDATA fieldnames to <STRING   ('RR')>.
>
>> I need to set the field name to something that I can understand later,
>> so PX is not an option... Any ideas on how to sole this? I know I can
>> write as an SDS, but I need to do as Vdata for compatibility with some
>> files we process here.
>
> The following code works fine for me. Could you provide a more precise
> explanation of what you're trying to do?
>
> filename = 'test.hdf'
> fieldname = 'RR'
>
> file = HDF_Open(filename,/CREATE)
> Vdat = HDF_VD_Attach(file, -1)
> HDF_VD_FDefine, Vdat, fieldname
> ; /INT, ORDER=5HDF_VD_WRITE, Vdat, fieldname, intarr(5)
> HDF_VD_Detach, Vdat
> HDF_Close, file

Yes, this works just fine. I didn't know that I had to pre-define the
field name with the HDF_VD_DEFINE. Thank you very much!