
Subject: Re: Help with HDF_VD_WRITE - field names
Posted by [jameskuyper](#) on Mon, 07 Apr 2008 17:37:38 GMT
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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 solve 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=5  
HDF_VD_WRITE, Vdat, fieldname, intarr(5)  
HDF_VD_Detach, Vdat  
HDF_Close, file
```
