
Subject: Re: Need help with HDF_VD_WRITE!!!

Posted by [Liam E. Gumley](#) on Fri, 11 Oct 2002 16:03:24 GMT

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> Brian Huether wrote:

>

> I thought I had it. But man this is so complicated. Say I have one

> column of data with one field. All the following fail:

>

> IDL> fileid=HDF_OPEN('e:\huether\test7.hdf',/CREATE)

> IDL> Vdat = HDF_VD_ATTACH(fileID, -1, /WRITE)

> IDL> HDF_VD_WRITE, Vdat, 'PX', indgen(1,10)

[stuff deleted]

Have you considered using the HDF Scientific Data Set model instead?

It's much more flexible and easy to use IMHO. For example:

;- Create the file

```
hdfid = hdf_sd_start('test.hdf', /create)
```

```
varid = hdf_sd_create(hdfid, 'SS', [10, 10], /float)
```

```
hdf_sd_adddata, varid, findgen(10, 10)
```

```
hdf_sd_endaccess, varid
```

```
hdf_sd_end, hdfid
```

;- Read the file

```
hdfid = hdf_sd_start('test.hdf')
```

```
index = hdf_sd_nametoindex(hdfid, 'SS')
```

```
varid = hdf_sd_select(hdfid, index)
```

```
hdf_sd_getdata, varid, data
```

```
hdf_sd_endaccess, varid
```

```
hdf_sd_end, hdfid
```

For more details see my book Chapter 4, pp. 182-192, or the HDF routines at

http://www.gumley.com/PIP/Free_Software.html

Cheers,

Liam.

Practical IDL Programming

<http://www.gumley.com/>
