
Subject: H5D_Read on compound type (GDL)
Posted by [rjp23](#) on Thu, 24 Apr 2014 13:58:03 GMT
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I was hoping someone could help with this.

I'm converting some code from IDL to GDL. In IDL I normally use `h5_parse` but as that's not supported in GDL I'm trying to use the H5 procedures individually:

```
file_id = H5F_OPEN(file)
data_id = H5D_OPEN(file_id, '/path/to/variable/')
variable = H5D_READ(data_id)
H5D_CLOSE, data_id
```

This works fine for almost all the variables I need to read in.

However, it fails on the "time" variable as this is a "H5T_compound" type:

```
Dataset: 'Time'
H5T_COMPOUND (12 bytes)
10 elements
```

When trying this I get:

```
% H5D_READ: Read failed
```

Is there another way I should be trying to read this in?

Cheers

Rob
