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Subject: Re: Extract data from HDF VGroup  
Posted by [Liam Gumley](#) on Wed, 21 Jan 2004 17:44:02 GMT  
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"ily\_Ni" <ily\_Niort@yahoo.fr> wrote in message  
news:85e226ad.0401210906.2390dabe@posting.google.com...

> Here is the characteristic of my HDF file :

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> -----  
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| > Vgroup # | > # of Members | > Name                 | > Class                |
|------------|----------------|------------------------|------------------------|
| > 0        | > 1            | > Section 1.0 - File H |                        |
| > 1        | > 1            | > Section 2.0 - Produc | > Product Identificati |
| > 2        | > 1            | > Section 3.0 - File D |                        |
| > 3        | > 4            | > Section 4.0 - Event  | > Event Identification |
| > 4        | > 10           | > Section 5.0 - Altitu | > Altitude-based Data  |
| > 5        | > 1            | > Section 6.0 - Aeroso | > Aerosol Information  |
| > 6        | > 1            | > Section 6.1 - Aeroso | > Aerosol Extinction p |
| > 7        | > 1            | > Section 6.2 - Aeroso | > Aerosol Extinction R |
| > 8        | > 1            | > g3a.ssp.00364210v02. | > CDF0.0               |

>

> How to extract data from Vgroup #4 ?

> I used HDF\_VG\_ATTACH, HDF\_VG\_LONE .... no results

>

> Here is my program :

>

> X=HDF\_VG\_LONE(file\_id)

> IF X(0) EQ-1 THEN \$

> PRINT, "No Lone VGroups" ELSE PRINT, "Lone VGroups:", X

> help, X

>

> for i=0,8 do begin

> Result = HDF\_VG\_ATTACH(file\_id, X(i), /READ)

> HDF\_VG\_GETINFO, Result, CLASS= class, NAME= name, NENTRIES=nent,

> REF=refs, TAG=tags

> print, i, class, ' NAME=', name, ' NENTRIES=', nent, ' REF=',

> refs, ' TAG=', tags

> HDF\_VG\_DETACH, Result

> endfor

> Print, 'Section 4.0 - Event Identification'

> ; lecture de "Section 2.0 - Product Identification"

> Vdata\_id = HDF\_VD\_FIND(file\_id, 'Section 4.0 - Event Identification')

>

> But it does not works....

>

> I would be happy if you have any idea about it !!!

You may want to try my HDF\_VD Vdata read routines available at

[http://www.gumley.com/PIP/Free\\_Software.html](http://www.gumley.com/PIP/Free_Software.html)

Cheers,

Liam.

Practical IDL Programming

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

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