Subject: Re: HDF File Label and Description
Posted by Kelly Dean on Thu, 19 Oct 2000 07:00:00 GMT
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Thanks Leon,

Your HDF_AN_TEST gets what I want....

```
        1         4         12         0
File_Label:ISCCP-D1 Year 1985 Month 01 Day 01
```

Kelly

Leon Majewski wrote:

> On Wed, 18 Oct 2000 14:50:55 -0600, Kelly Dean <krdean@lamar.colostate.edu> wrote:
>
>> However, the HDF_BROWSER from IDL 5.3 returned these file labels and
>> descriptions as "AN". Unfortunetly, the HDF_BROWSER is a SAV and I am unable
>> to see how they do it. Time to open up those manuals.
>>
>> Kelly
>
> When you are using the HDF_BROWSER function what output does it return and secondly which
> part do you want to access?
> ie
> a = HDF_BROWSER(filename)
> help, a, /structure
>
> is the info you want in
> help, /structure, a.an
>
> if so... then i think this might get you going in the right direction.
>
> first off, i've never looked at the an section before - i only use sd bits
> secondly, im using 5.2 - i don't know if hdf has changed though (still ver 4?)
> that said
>
> PRO HDF_AN_TEST
>
> path = 'c:\my documents\leon\data\chl\'
> Filename = path + 'test.hdf'
>
> MY_FILE_ID = HDF_OPEN(Filename)
>  MY_AN_ID = HDF_AN_START(MY_FILE_ID)

```
>
>               Result = HDF_AN_FILEINFO(MY_AN_ID, nfl, nfd, ndl, nds)
>               if Result eq 0 then begin
>                     print, nfl, nfd, ndl, nds
>
>                     ;annot types see HDF_AN_SELECT
>                     ;annot_type = 2 (file labels)
>                     my_annot_type = 2
>
>                     ;index see HDF_AN_SELECT
>                     my_index = 0
>
>                     ann_id = HDF_AN_SELECT(an_id, my_index, my_annot_type)
>
>                     if ann_id ne -1 then begin
>
>                           Result = HDF_AN_READANN(ann_id, my_file_annot)
>                           if Result ne -1 then begin
>                                 print, 'File_Label:',my_file_annot
>                           endif else print,'AN failure 2'
>
>                     endif else print,'AN failure 1'
>
>               endif else print,'AN failure 0'
>         HDF_AN_ENDACCESS, Result
> HDF_CLOSE, MY_FILE_ID
> END
>
> -------------------------
> Leon Majewski
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>
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