
Subject: Re: HDF File Label and Description
Posted by [majewski](#) on Thu, 19 Oct 2000 07:00:00 GMT
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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". Unfortunately, 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
```

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