
Subject: HDF attribute extract

Posted by [Liberum](#) on Thu, 05 Jan 2006 14:50:59 GMT

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Hi everyone,

I would like to extract an attribute (satellite_id) from an hdf file that is readable by IDL.

My attempt is as follows:

```
loc_id = H5F_OPEN(file)
```

```
s = H5A_OPEN_NAME(loc_id,"satellite_id")
```

with the following error:

H5A_OPEN_NAME: location is not valid for an attribute: (Object ID:67108866, Object Name:"satellite_id")

Now when I parse the file and print the tag names with the commands:

```
res = H5_PARSE(file,/read_data)
```

```
print, res.satellite_id
```

```
print, tag_names(res)
```

I get:

```
{satellite_id  text  ATTRIBUTE  noaa16  0  0  1  
H5T_STRING    7    56}
```

_NAME

_ICONTYPE

_TYPE_FILE

_PATH

_COMMENT

OUTPUTVALUENAMELIST

PALETTE

REGION

CLOUDMASK

QUALITY_FLAG

REGION_1

TEST_FLAG

VERSION

DESCRIPTION

SATELLITE_ID

SEC_1970

ORBIT_NUMBER

This is the same structure viewed when using the HDF_browser where the last five tags are seen as attributes. Now I cannot extract the data

located under these attributes. Can anyone render some much needed help here? I have tried different combinations of the HA5 without success.

Sincerely,
Sheldon
