Subject: HDF attribute extract Posted by Liberum on Thu, 05 Jan 2006 14:50:59 GMT View Forum Message <> Reply to Message

Hi everyone,

I would like to extract an attribute (satillite_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