
Subject: Re: HDF attribute extract
Posted by [Liberum](#) on Thu, 05 Jan 2006 15:24:03 GMT
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Hi Peter,

Good to see that you are still around. I am pretty sure that the satellite_id is an attribute. The hdf_parse showed this and hdf_browser showed this as well. These attributes are located on the same level as that dataset for the cloudmask. H5dump gives:

```
HDF5 "CFCin2004123121091300700125010D.hdf" {
GROUP "/" {
  ATTRIBUTE "version" {
    DATATYPE H5T_STRING {
      STRSIZE 19;
      STRPAD H5T_STR_NULLTERM;
      CSET H5T_CSET_ASCII;
      CTYPE H5T_C_S1;
    }
    DATASPACE SCALAR
  }
  ATTRIBUTE "description" {
    DATATYPE H5T_STRING {
      STRSIZE 128;
      STRPAD H5T_STR_NULLTERM;
      CSET H5T_CSET_ASCII;
      CTYPE H5T_C_S1;
    }
    DATASPACE SCALAR
  }
  ATTRIBUTE "satellite_id" {
    DATATYPE H5T_STRING {
      STRSIZE 7;
      STRPAD H5T_STR_NULLTERM;
      CSET H5T_CSET_ASCII;
      CTYPE H5T_C_S1;
    }
  }
}
```

I thought this was very simple and I looked at your READ_HDF program but it seemed like using an elephant gun to kill an ant. Now this ant seems like an elephant. I am pretty sure it is an attribute. I have tried just opening the file and then using H5A_READ/H5D_READ but to no avail. Logically or otherwise, I am missing something. I will look at the READ_HDF now if you cannot no other suggestions.

Thanks,
Sheldon
