
Subject: HDF_SD_GETACCESS: No content in variable, error

Posted by [aa8533](#) on Wed, 21 Jul 2010 11:17:52 GMT

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Hi - I'm trying to make a program which automatically runs through 100s of images (MODIS Fire data) and extracts data at a particular point. The program works fine where there is data to extract (in the case below, when there is data in FP_Sample) but halts for an image where there is none with message "Array dimensions must be greater than 0".

Extract of code is:

```
sd=hdf_sd_start(fileName)
index=hdf_sd_nametoindex(sd,'FP_sample')
sds=hdf_sd_select(sd,index)
hdf_sd_getdata,sds,sample    <----- Halts with message
here
```

Is there a way to test the size of the variable (in this case Sample) and if, say it's -1 (no data) then skip the last line of this code?

Would very much appreciate any help.

Matt
