
Subject: Testing if HDF5 file is corrupt

Posted by [rjp23](#) on Mon, 07 Jun 2010 15:38:47 GMT

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I'm dealing with a large amount of satellite data in HDF5 format.

I use the h5_parse command to read the data in and this all works fine apart from in a few instances one of the files seems to be corrupt and I get:

```
IDL> test=h5_parse('examplefilename10000', /read_data)
% Compiled module: H5_PARSE.
% H5F_OPEN: unable to open file: Object Name:"examplefilename10000"
% Error occurred at: H5_PARSE      553 /usr/local/itt/idl70/lib/
h5_parse.pro
%           $MAIN$
```

I tried using H5F_IS_HDF5 but this returns 1 for all the files, regardless of the above. Is there another way to test that the file is readable by h5_parse?

My code processes of lots of files in a batch and if the file can't be opened by h5_parse, I just want to skip that file.

Cheers
