Subject: Re: skip the corrupted hdf file and continue the for lood for uncorrupted hdfs

Posted by Yngvar Larsen on Tue, 28 Jan 2014 17:52:02 GMT

On Tuesday, 28 January 2014 06:14:03 UTC+1, Brent Fallarcuna wrote:
> On Monday, January 27, 2014 4:22:26 PM UTC+8, Brent Fallarcuna wrote:

> Hello.
>
> I've run this code, wherein I inserted the for loop. The output on the command line says "MOD17A2.A2000065.h29v07.005.2010162162935.hdf
>
> Attempt to subscript FILENAME with K is out of range." and it only prints a single value.

Well. This is a rather accurate error message, because this is exactly what is going on. You (or actually I since you copied my code verbatim) made an error within the error handler. The value to print in the error handler is FILENAME or FILELIST[i], not FILENAME[i]. Of course, in your case, you most likely would like to save the name of the erroneous file in the error handler instead of just printing the name.

```
>       catch, error
>       if error ne 0 then begin
>         print, filename[i]      <------------ ERROR IN ERROR HANDLER
>         print, !error_state.msg
>         ;continue with next item in loop if error was encountered
>         catch, /cancel
>         continue
>       endif
>
>       ;access hdf file
>       hdf_id = hdf_sd_start(filename[k])  <--------- ANOTHER ERROR
>       catch, /cancel
>
>       ;Do other stuff with file here if no error was encountered.
```

Also, I have no idea what you are trying to do with the double loop.

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Yngvar