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

Posted by [David Fanning](#) on Tue, 28 Jan 2014 05:47:22 GMT

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David Fanning writes:

```
> I would write something along these lines:
>
> filelist = file_search('*.h29v07.005*.hdf', Count=count)
> array = StrArr(count)
> FOR j=0,count-1 DO BEGIN
>
>   Catch, theError
>   IF theError NE 0 THEN BEGIN
>     void = cgErrorMsg()
>     Print, 'Bad File: ', filename[j]
>     Message, /Reset
>     Continue
>   ENDIF
>
>   thisFile = filelist[j]
>   hdf_id = hdf_sd_start(thisFile)
>   ...
>
> ENDFOR
```

Whoops! I just violated the cardinal rule of error handling: Don't introduce errors into your error handling code! Kill your IDL session with your mouse when you get into the infinite loop I put you into, then make this change to your code. Sorry! :-(

```
filelist = file_search('*.h29v07.005*.hdf', Count=count)
array = StrArr(count)
FOR j=0,count-1 DO BEGIN
```

```
    Catch, theError
    IF theError NE 0 THEN BEGIN
        void = cgErrorMsg()
        Print, 'Bad File: ', thisFile
        Message, /Reset
        Continue
    ENDIF
```

```
    thisFile = filelist[j]
    hdf_id = hdf_sd_start(thisFile)
    ...
```

ENDFOR

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")
