
Subject: Re: how to clear error message

Posted by [Truong Le](#) on Thu, 04 Nov 2010 02:24:31 GMT

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On Nov 3, 9:44 pm, David Fanning <n...@dfanning.com> wrote:

> Truong Le writes:

>> David, I am not trying to suppress the error but instead I am
>> trying to catch that error so that I can exit my loop and read the
>> next FITS file.

>

> Yes, and several people have suggested a CATCH error
> handler, which to almost everyone responding here
> would seem to be **exactly** what you want to use.
> So, what is the problem?

>

> Is the problem that the "message" is an informational
> message and not really an error?

>

> We really need more details I guess, if we are going
> to help in any sensible way. It doesn't help us to know
> something "didn't work." That's almost always an excuse
> for pilot error. :-)

>

> Cheers,

>

> David

>

> --

> David Fanning, Ph.D.

> Fanning Software Consulting, Inc.

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

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

okay, let's say I have 100 FITS files that I want to loop through to
check certain

keywords from each FITS file. To obtain the header keywords I use the
headfits.pro

from the Astronomy IDL's library. When one of the FITS file is badly
formatted headfit

spat out a run-on warning message "% MRD_HREAD: Warning-Invalid
characters in header" and

then eventually die. I want to be able to catch this error and move on
reading the next

FITS file. The problem that I am having is that I use the "Catch"
error handler to catch

this error as people have suggested but it doesn't work. I have read
some of your other

thread that talk about trapping error by using

```
files = ['file1.fits', 'file2.fits', 'file3.fits', ....]
for i=0,100 do begin
    header = headfit(files[i])

    Help, /Last_Message, Output=theErrorMessage
    errorLength = N_ELEMENTS(theErrorMessage)

    if (errorLength GT 0) then begin
        goto, jumptoendOFloop
    endif
    ....
    ....
    ....
    jumptoendOfloop
endfor
```

This will trap the error of the bad FITS file, however, I need to know how I can clear the "errors" that are in memory so that in my next loop with a good FITS file I will pass through the above example.

and thank you for all the help guys!
