
Subject: Re: how to clear error message

Posted by [Truong Le](#) on Thu, 04 Nov 2010 02:29:38 GMT

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On Nov 3, 10:24 pm, Truong Le <truong...@gmail.com> wrote:

> 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!

```

incomplete thought :-) ...

I have read some of your other thread that talk about trapping error by using

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

```

I need to know how to clear the "errors" that are in memory once you have trap the error using the above method?
