Subject: Re: how to clear error message Posted by Truong Le on Wed, 03 Nov 2010 21:20:12 GMT

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On Nov 3, 4:58 pm, Truong Le <truong...@gmail.com> wrote: > All, >

> I need to know how to clear all error message that idl generated.

> I am using this two lines to stop to trap my error.

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

> However, I need to clear all the error message so that when I am

- > looping to these two lines again the
- > errorLength should be zero when no error message occur.

> Thanks

In other word, I need to know how to catch a stderr that produces from the Astronomy IDL's library.

When I try to read a bad FITS file I obtain the following error

% MRD_HREAD: Warning-Invalid characters in header

This message kept on executing and did'nt stop. How can I catch that error.

Thanks

....do other stuff....

Subject: Re: how to clear error message Posted by Paul Van Delst[1] on Wed, 03 Nov 2010 21:26:01 GMT View Forum Message <> Reply to Message

What about trying a catch error handler? Something like this:

```
pro blah
CATCH, error_status
IF ( error_status NE 0 ) THEN BEGIN
CATCH, /CANCEL
MESSAGE, !ERROR_STATE.MSG, /CONTINUE
RETURN
ENDIF
```

If an error occurs in the "....do other stuff...." section, the error message will get printed out control will return to the caller.

You can throw your own errors in the "....do other stuff...." section by doing something like

```
IF (...an error condition is detected...) THEN $
MESSAGE, 'this is my own error message', /NONAME, /NOPRINT
```

when you detect an error in your own code.

cheers,

paulv

Truong Le wrote:

- > All,
- _

>

- > I need to know how to clear all error message that idl generated.
- > I am using this two lines to stop to trap my error.
- > Help, /Last_Message, Output=theErrorMessage
- > errorLength = N_ELEMENTS(theErrorMessage)
- > However, I need to clear all the error message so that when I am
- > looping to these two lines again the
- > errorLength should be zero when no error message occur.
- > Thanks

Subject: Re: how to clear error message Posted by Paul Van Delst[1] on Wed, 03 Nov 2010 21:27:29 GMT View Forum Message <> Reply to Message

Truong Le wrote:

- > On Nov 3, 4:58 pm, Truong Le <truong...@gmail.com> wrote:
- > In other word, I need to know how to catch a stderr that produces from
- > the Astronomy IDL's library.
- > When I try to read a bad FITS file I obtain the following error
- > % MRD_HREAD: Warning-Invalid characters in header

> % WIND_HINEAD. Walling-invalid characters in header

> This message kept on executing and did'nt stop. How can I catch that

Subject: Re: how to clear error message

> error.

See my other post in this thread. The CATCH error handler will, well, handle this error.

cheers,

paulv

>> All,

```
Posted by Truong Le on Wed, 03 Nov 2010 21:28:48 GMT
View Forum Message <> Reply to Message
On Nov 3, 5:26 pm, Paul van Delst <paul.vande...@noaa.gov> wrote:
> What about trying a catch error handler? Something like this:
> pro blah
   CATCH, error_status
>
   IF (error_status NE 0) THEN BEGIN
>
    CATCH, /CANCEL
    MESSAGE, !ERROR STATE.MSG, /CONTINUE
>
    RETURN
   ENDIF
>
   ....do other stuff....
>
  end
>
> If an error occurs in the "....do other stuff...." section, the error message will get printed out
control will return
> to the caller.
>
  You can throw your own errors in the "....do other stuff...." section by doing something like
>
>
   IF (...an error condition is detected...) THEN $
    MESSAGE, 'this is my own error message', /NONAME, /NOPRINT
>
  when you detect an error in your own code.
> cheers,
>
> paulv
> Truong Le wrote:
```

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```
>> I am using this two lines to stop to trap my error.
>> Help, /Last_Message, Output=theErrorMessage
>> errorLength = N_ELEMENTS(theErrorMessage)
>> However, I need to clear all the error message so that when I am
>> looping to these two lines again the
>> errorLength should be zero when no error message occur.
>> Thanks
>> I did that but it didn't work.
```

Subject: Re: how to clear error message Posted by David Fanning on Wed, 03 Nov 2010 21:45:52 GMT View Forum Message <> Reply to Message

Truong Le writes:

Thanks,

> I did that but it didn't work.

Coyote wanted me to point out that a silent error handler is often required in this case. That way, no one is the wiser, and there is no need to fix the underlying cause of the error, either. ;-)

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.")

Subject: Re: how to clear error message Posted by wlandsman on Wed, 03 Nov 2010 23:04:27 GMT View Forum Message <> Reply to Message On Nov 3, 5:20 pm, Truong Le <truong...@gmail.com> wrote:

- > In other word, I need to know how to catch a stderr that produces from
- > the Astronomy IDL's library.
- > When I try to read a bad FITS file I obtain the following error

>

> % MRD_HREAD: Warning-Invalid characters in header

>

If you set the /SILENT keyword in the procedure that calls MRD_HREAD (e.g. MRDFITS() or HEADFITS()) then the error messages will not be printed.

But note that this message indicates that you are not reading a valid FITS file. --Wayne

Subject: Re: how to clear error message Posted by rogass on Wed, 03 Nov 2010 23:12:26 GMT View Forum Message <> Reply to Message

On 3 Nov., 22:45, David Fanning <n...@dfanning.com> wrote:

- > Truong Le writes:
- >> I did that but it didn't work.

>

- > Coyote wanted me to point out that a silent error handler
- > is often required in this case. That way, no one is the
- > wiser, and there is no need to fix the underlying
- > cause of the error, either. ;-)

>

> 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.")

Or you just add this in the first line and you will never get an error again :-)

goto1:while ~n_elements(_) do goto,goto1

Cheers

CR

Subject: Re: how to clear error message Posted by ThanhThoan Nguyen on Wed, 03 Nov 2010 23:43:22 GMT View Forum Message <> Reply to Message

On Nov 3, 7:04 pm, wlandsman <wlands...@gmail.com> wrote:

> On Nov 3, 5:20 pm, Truong Le <truong...@gmail.com> wrote:

>

- >> In other word, I need to know how to catch a stderr that produces from
- >> the Astronomy IDL's library.
- >> When I try to read a bad FITS file I obtain the following error

>

>> % MRD_HREAD: Warning-Invalid characters in header

>

- > If you set the /SILENT keyword in the procedure that calls MRD_HREAD
- > (e.g. MRDFITS() or HEADFITS()) then the error messages will not be
- > printed.

>

- > But note that this message indicates that you are not reading a valid
- > FITS file. --Wayne

I am trying to loop over several FITS files, and I want to be able to catch

this error and move on to the next FITS file. With the silent keyword I don't

think this will resolve my problem.

Subject: Re: how to clear error message Posted by wlandsman on Wed, 03 Nov 2010 23:59:17 GMT View Forum Message <> Reply to Message

On Nov 3, 7:43 pm, ThanhThoan Nguyen <marct...@gmail.com> wrote:

- >>> When I try to read a bad FITS file I obtain the following error
- >>> % MRD_HREAD: Warning-Invalid characters in header
- > I am trying to loop over several FITS files, and I want to be able to
- > catch
- > this error and move on to the next FITS file. With the silent keyword
- > I don't
- > think this will resolve my problem.

Note that MRD_HREAD is not printing an error message, but an "informational" message.

Below is the relevant code within MRD_HREAD

; Check that there aren't improper null characters in strings that are causing

; them to be truncated. Issue a warning but continue if problems are found.

You might be able to catch the error if you change the /INFORMATIONAL to /CONTINUE.

--Wayne

```
Subject: Re: how to clear error message
Posted by Truong Le on Thu, 04 Nov 2010 00:58:04 GMT
View Forum Message <> Reply to Message
```

```
On Nov 3, 7:59 pm, wlandsman <wlands...@gmail.com> wrote:
> On Nov 3, 7:43 pm, ThanhThoan Nguyen <marct...@gmail.com> wrote:
>>>> When I try to read a bad FITS file I obtain the following error
>>> % MRD_HREAD: Warning-Invalid characters in header
>> I am trying to loop over several FITS files, and I want to be able to
>> catch
>> this error and move on to the next FITS file. With the silent keyword
>> I don't
>> think this will resolve my problem.
Note that MRD_HREAD is not printing an error message, but an
> "informational" message.
> Below is the relevant code within MRD_HREAD
> ; Check that there aren't improper null characters in strings that are
> causing
> ; them to be truncated. Issue a warning but continue if problems are
> found.
       w = where(strlen(block) ne 80, Nbad)
>
       if (Nbad GT 0) then begin
>
            if ~keyword_set(SILENT) then message, /INF, $
>
                   'Warning-Invalid characters in header'
```

```
> block[w] = string(replicate(32b, 80))
> endif
>
> You might be able to catch the error if you change the /INFORMATIONAL
> to /CONTINUE.
>
> --Wayne
I am sorry but are you suggesting that I modify the MRD_HREAD procedure?
```

Subject: Re: how to clear error message Posted by Truong Le on Thu, 04 Nov 2010 01:01:35 GMT View Forum Message <> Reply to Message

```
On Nov 3, 7:12 pm, chris <rog...@googlemail.com> wrote:
> On 3 Nov., 22:45, David Fanning <n...@dfanning.com> wrote:
>
>
>
>> Truong Le writes:
>>> I did that but it didn't work.
>
>> Coyote wanted me to point out that a silent error handler
>> is often required in this case. That way, no one is the
>> wiser, and there is no need to fix the underlying
>> cause of the error, either. ;-)
>> 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.")
>
> Or you just add this in the first line and you will never get an error
> again :-)
>
  goto1:while ~n_elements(_) do goto,goto1
> Cheers
> CR
```

Subject: Re: how to clear error message Posted by penteado on Thu, 04 Nov 2010 01:05:31 GMT

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On Nov 3, 11:01 pm, Truong Le <truong...@gmail.com> wrote:

>> goto1:while ~n_elements(_) do goto,goto1

>

>> Cheers

>

>> CR

>

> could you please explain exactly what this line does?

"Nothing". To be more precise, if you do not happen to have a variable named _ defined, it is only an infinite loop which does nothing. If that variable does exist, it does nothing.

Subject: Re: how to clear error message Posted by David Fanning on Thu, 04 Nov 2010 01:22:21 GMT View Forum Message <> Reply to Message

Truong Le writes:

- > I am sorry but are you suggesting that I modify the MRD_HREAD
- > procedure?

It's generally not my style to state the obvious, but normally when a program issues an error message, you don't seek to turn the error message off, you try to fix the error that caused it.

Is there something about this program that you would like to share with us that makes it out of the ordinary?

I haven't used every single one of the NASA Astronomy Library routines, but I've used enough to know if an error is being issued, there is probably a pretty good reason for it.

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.")

Subject: Re: how to clear error message Posted by Truong Le on Thu, 04 Nov 2010 01:39:29 GMT View Forum Message <> Reply to Message

On Nov 3, 9:22 pm, David Fanning <n...@dfanning.com> wrote:

- > Truong Le writes:
- >> I am sorry but are you suggesting that I modify the MRD_HREAD
- >> procedure?

>

- > It's generally not my style to state the obvious,
- > but normally when a program issues an error message,
- > you don't seek to turn the error message off, you
- > try to fix the error that caused it.

>

- > Is there something about this program that you would
- > like to share with us that makes it out of the
- > ordinary?

>

- > I haven't used every single one of the NASA Astronomy
- > Library routines, but I've used enough to know if
- > an error is being issued, there is probably a pretty
- > good reason for it.

>

> 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.")

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.

Subject: Re: how to clear error message Posted by David Fanning on Thu, 04 Nov 2010 01:44:45 GMT

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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.")

Subject: Re: how to clear error message Posted by Truong Le on Thu, 04 Nov 2010 02:24:31 GMT View Forum Message <> Reply to Message

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!

Subject: Re: how to clear error message Posted by wlandsman on Thu, 04 Nov 2010 02:25:10 GMT View Forum Message <> Reply to Message

```
On Nov 3, 8:58 pm, Truong Le <truong...@gmail.com> wrote:
> On Nov 3, 7:59 pm, wlandsman <wlands...@gmail.com> wrote:
>
>
>
>
>> On Nov 3, 7:43 pm, ThanhThoan Nguyen <marct...@gmail.com> wrote:
>>>> > When I try to read a bad FITS file I obtain the following error
>>>> > % MRD_HREAD: Warning-Invalid characters in header
>>> I am trying to loop over several FITS files, and I want to be able to
>>> catch
>>> this error and move on to the next FITS file. With the silent keyword
>>> I don't
>>> think this will resolve my problem.
>> Note that MRD_HREAD is not printing an error message, but an
>> "informational" message.
>> Below is the relevant code within MRD HREAD
>> ; Check that there aren't improper null characters in strings that are
>> causing
>> ; them to be truncated. Issue a warning but continue if problems are
>> found.
>
        w = where(strlen(block) ne 80, Nbad)
>>
        if (Nbad GT 0) then begin
>>
             if ~keyword_set(SILENT) then message, /INF, $
>>
```

```
>> 'Warning-Invalid characters in header'
>> block[w] = string(replicate(32b, 80))
>> endif
>
>> You might be able to catch the error if you change the /INFORMATIONAL
>> to /CONTINUE.
>> --Wayne
> I am sorry but are you suggesting that I modify the MRD_HREAD
> procedure?
```

Yes, I am suggesting that you modify the MRD_HREAD procedure.

I assume this is a one-time case where for some reason you have been given some corrupted FITS files mixed with good ones. So I would make the above change to MRD_HREAD and when you are done processing these files, revert back to the original MRD_HREAD. (Better yet, I would first flag the corrupted files -- and find out how they are corrupted -- by using the fitsverify tool (http://fits.gsfc.nasa.gov/fits_verify.html).

If for some reason you expect this problem to keep occurring, then I suggest you contact the author of MRD_HREAD;-) and ask for a new keyword -- maybe /STRICTERROR to tell MRD_HREAD to abort with an error signal at any sign of a corrupted file, rather than trying to keep reading the file, as it currently does. --Wayne

Subject: Re: how to clear error message Posted by Truong Le on Thu, 04 Nov 2010 02:29:38 GMT View Forum Message <> Reply to Message

```
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
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> 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

- > 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?

Subject: Re: how to clear error message Posted by wlandsman on Thu, 04 Nov 2010 10:51:39 GMT View Forum Message <> Reply to Message

```
On Nov 3, 10:29 pm, Truong Le <truong...@gmail.com> wrote:
> 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
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>> 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
>
     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?
You can use message,/reset to clear the errors, so your code will look
like this
 Help, /Last_Message, Output=theErrorMessage
 errorLength = N_ELEMENTS(theErrorMessage)
 if (errorLength GT 0) then begin
  message,/reset
  goto, jumptoendOFloop
```

Subject: Re: how to clear error message
Posted by Paul Van Delst[1] on Thu, 04 Nov 2010 13:53:36 GMT
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```
Truong Le wrote:
```

endif

```
    On Nov 3, 5:26 pm, Paul van Delst <paul.vande...@noaa.gov> wrote:
    What about trying a catch error handler? Something like this:
    pro blah
    CATCH, error_status
    IF (error_status NE 0) THEN BEGIN
    CATCH, /CANCEL
    MESSAGE, !ERROR_STATE.MSG, /CONTINUE
    RETURN
    ENDIF
```

```
....do other stuff....
>>
>>
>> end
>>
>> If an error occurs in the "....do other stuff...." section, the error message will get printed out
control will return
>> to the caller.
>>
>> You can throw your own errors in the "....do other stuff...." section by doing something like
>>
    IF ( ...an error condition is detected... ) THEN $
>>
      MESSAGE, 'this is my own error message', /NONAME, /NOPRINT
>>
>>
>> when you detect an error in your own code.
>>
>> cheers,
>>
>> paulv
>>
>> Truong Le wrote:
>>> All.
>>> I need to know how to clear all error message that idl generated.
>>> I am using this two lines to stop to trap my error.
>>> Help, /Last_Message, Output=theErrorMessage
      errorLength = N_ELEMENTS(theErrorMessage)
>>> However, I need to clear all the error message so that when I am
>>> looping to these two lines again the
>>> errorLength should be zero when no error message occur.
>>> Thanks
>>
> I did that but it didn't work.
I tried that and it did work.
cheers.
paulv
```

Subject: Re: how to clear error message Posted by Truong Le on Thu, 04 Nov 2010 18:47:14 GMT View Forum Message <> Reply to Message

On Nov 3, 7:59 pm, wlandsman <wlands...@gmail.com> wrote:
> On Nov 3, 7:43 pm, ThanhThoan Nguyen <marct...@gmail.com> wrote:
> >>> When I try to read a bad FITS file I obtain the following error

```
>>> % MRD_HREAD: Warning-Invalid characters in header
>> I am trying to loop over several FITS files, and I want to be able to
>> catch
>> this error and move on to the next FITS file. With the silent keyword
>> I don't
>> think this will resolve my problem.
> Note that MRD HREAD is not printing an error message, but an
> "informational" message.
> Below is the relevant code within MRD HREAD
>
> ; Check that there aren't improper null characters in strings that are
> causing
> ; them to be truncated. Issue a warning but continue if problems are
> found.
>
       w = where(strlen(block) ne 80, Nbad)
>
       if (Nbad GT 0) then begin
>
            if ~keyword set(SILENT) then message, /INF, $
>
                   'Warning-Invalid characters in header'
>
            block[w] = string(replicate(32b, 80))
>
       endif
>
> You might be able to catch the error if you change the /INFORMATIONAL
  to /CONTINUE.
> --Wayne
thank you everyone for helping me with this problem. I have to modify
the MRD HREAD
by breaking inner if statement into a block and set status=-1 and
return to get out
of this loop; and it works!
Thank you All!
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