
Subject: how to clear error message

Posted by [Truong Le](#) on Wed, 03 Nov 2010 20:58:30 GMT

[View Forum Message](#) <> [Reply to Message](#)

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 [Truong Le](#) on Thu, 04 Nov 2010 16:20:16 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Nov 4, 9:53 am, Paul van Delst <paul.vande...@noaa.gov> wrote:

> Truong Le wrote:

>> 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
```

i try that too and it didn't work because the "Warning" message is looping within the mrd_hread.

I might have to try modify the mrd_hread procedure as you have suggested.

procedure

Subject: Re: how to clear error message
Posted by [Truong Le](#) on Thu, 04 Nov 2010 16:20:22 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Nov 4, 9:53 am, Paul van Delst <paul.vande...@noaa.gov> wrote:
> Truong Le wrote:
>> 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

```

i try that too and it didn't work because the "Warning" message is looping within the mrd_hread.

I might have to try modify the mrd_hread procedure as you have

suggested.

procedure
