

---

Subject: Re: Consensus on error handling with DLMs

Posted by [davidf](#) on Fri, 27 Apr 2001 13:57:23 GMT

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

---

Paul van Delst ([paul.vandelst@noaa.gov](mailto:paul.vandelst@noaa.gov)) writes:

> p.s. I only turn this error checking on \*after\* debugging though - if code crashes I want  
> to know the line number i crashed at rather than always returning with a failure.

You might want to try my ERROR\_MESSAGE routine. It was designed \*exactly\* for this reason. I wanted sensible error handling \*AND\* I wanted traceback information to tell me the line number of the error:

[http://www.dfanning.com/programs/error\\_message.pro](http://www.dfanning.com/programs/error_message.pro)

All of your code will remain the same, and your CATCH error handler, which previously looked liked this:

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

Will now look like this:

```
CATCH, error_status
IF ( error_status NE 0 ) THEN BEGIN
  CATCH, /CANCEL
  ok = ERROR_MESSAGE(/Traceback)
  RETURN, FAILURE
ENDIF
```

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting

Phone: 970-221-0438 E-Mail: [davidf@dfanning.com](mailto:davidf@dfanning.com)

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

Toll-Free IDL Book Orders: 1-888-461-0155

---