Subject: combine CATCH and MESSAGE

Posted by natha on Tue, 27 Sep 2011 15:26:27 GMT

Hello guys,

I used to use the CATCH method to catch the errors on my code but I
also like the method using ON_ERROR,2 and MESSAGE.
Right now, I would like to combine these 2 methods. Something like:

```
PRO TEST, arg_1, ERROR=error

CATCH, error_status
IF error_status EQ 0 THEN BEGIN
 error=0
 IF N_ELEMENTS(arg_1) EQ 0 THEN MESSAGE, 'Incorrect number of
arguments'

ENDIF ELSE BEGIN
  error=1
  CATCH, /CANCEL
ENDELSE

END
```

Note that in this routine, the output keyword error is very important.
The problem here is that I want the message to cause the error and
that is not happening. Do you know if there is a way to do that ? I
mean without doing :

```
IF N_ELEMENTS(arg_1) EQ 0 THEN BEGIN
  MESSAGE, Incorrect number of arguments', /INFORMATIONAL
  error=1
  RETURN
ENDIF
```

I also would like to ask for your opinion. I like the output keyword
error, is very useful on my programs but I also like the MESSAGEs,
they make the program very clear.

Thanks for your help,

nata