
Subject: how to catch a math error?

Posted by [J Li](#) on Thu, 17 Apr 2003 19:17:23 GMT

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Hi,

I am trying to figure out how to trap the math error and dump the error message to a file. Math error is somehow different than other types of errors? My test program is listed below.

I have done tests for I/O error or raising an exception by issuing a "message" call. They all work as expected, that is I got error message in the myLog.err file and the program exited gracefully. So far, I have not been able to do the same for math error. Please help!

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```
pro test3
  on_error, 2
  print, "i am in test3"
  x = 1 / 0
; message, "Error occurs in test 3"
end
```

```
pro test2
  on_error, 2
  print, "i am in test2"
  test3
end
```

```
pro test1
  on_error, 2
  print, "i am in test 1"
  test2
end
```

```
pro test
```

```
Catch, myError
if(myError NE 0) then begin
  Catch, /Cancel
  openw, lun, "myLog.err", /get_lun
  printf, lun, !Error_State.Msg
  free_lun, lun
  return
endif
```

test1

end
