
Subject: catch and I/O errors

Posted by [Benjamin Hornberger](#) on Wed, 02 Mar 2005 21:58:04 GMT

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Hi all,

is there any way to handle I/O errors with catch? What's the distinction between I/O errors and other errors good for anyway?

In the IDL online help to "Controlling Errors Using CATCH" (e.g., in the Windows help file, find the reference to CATCH, click on the link "Controlling Errors", then "Controlling Errors Using Catch"), there is a flow chart about how errors are handled. It clearly says that in case of an I/O error, but with *no* use of the ON_IOERROR routine, error control goes back to CATCH.

But look at the following example (BTW, why is a type conversion error an I/O error? I think, that question has been asked before ...):

PRO test_error

```
catch, error
IF error NE 0 THEN BEGIN
    catch, /cancel
    print, 'Caught!'
    return
ENDIF
```

```
a = 'string'
b = fix(a)
```

END

IDL> test_error

% Type conversion error: Unable to convert given STRING to Integer.

% Detected at: TEST_ERROR 14

D:\HOME\HORNBERG\SCRATCH\IDL_SCRATCH\test_error.pro

The error handler doesn't catch at all. If I leave it out, it's all the same. This is not what the help article states. Am I missing something?

How would I write an error handler which would handle I/O errors and other errors consistently in one routine?

Thanks for your help,

Benjamin
