
Subject: Catching I/O errors on RESTORE

Posted by [MKatz843](#) on Fri, 08 Mar 2002 18:46:33 GMT

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Here's in I/O error-trapping question for the IDL gurus out there...

Working in IDL 5.4 on SunOS UNIX, I'd like to catch errors that occur when reading a bad or incomplete--but existing--IDL SAVE file. I want to use ON_IOERROR, but it doesn't seem to catch errors that occur with the RESTORE function. Here's more information...

I create a smallish (100-200 bytes) disk file with

```
SAVE, x, y, z, filename="myfile.dat"
```

Since I have lots of programs running simultaneously, different parts of my program or different IDL sessions may be SAVEing and RESTOREing these files in quick succession.

Before I RESTORE, I always check for the existence of the file with
FRELUN, 10
OPENR, 10, filename, ERROR=err

Sometimes, the file exists but is empty (!), then IDL tries to RESTORE and comes back with an END OF FILE error.

SO, I put in an error catcher:

```
ON_IOERROR, error_label
```

Yet the program still halts with an END OF FILE, and the error trap is never activated. Any ideas?

I would like the RESTORE file to trip the error trap and go nicely to my error-handling code.

Thanks, MKatz
