## Subject: Re: Catching I/O errors on RESTORE Posted by Craig Markwardt on Wed, 13 Mar 2002 00:06:22 GMT View Forum Message <> Reply to Message

alt@iszf.irk.ru (Altyntsev Dmitriy) writes:

>>

- >> I would very much like to hear reports on how well the CMSVLIB SAVE
- >> library does with corrupted files. It should report errors back to
- >> user programs without crashing.

>>

- > It really does. Thanks. At least as far as I had opportunity to check.
- > I had problems with ordinary RESTORE and none of them is present now.
- > I am going to get huge statistics on CMSVLIB stability during my
- > software package running (save-restore every 10 sec through network)
- > this summer (forest fire season). Certainly I will inform you about
- > results.

## Thanks for the report!

- > Craig, it would be impudence to wish more but if your library had an
- > ability to replace (expand, squeeze, delete) variables in sav-files it
- > would be absolutely indispensable for organizing of IDL file container
- > and would be used very widely as I think. Just a wish, sorry :-))

You're right. It would be impudence.

Craig

[ Joking of course. ] Replacing, expanding, squeezing, deleting, are all much harder operations than what CMSAVE can do right now. The /APPEND option was "easy" in the sense that all you do is tack on some more data at the end.

You might be amazed, at least I was, that IDL does not have a way to trim an existing file. I'm talking about the same thing that ftruncate() does in C. So "squeezing" would be very hard.

Probably then the easiest way to "replace" a variable is to restore the file, replace the variable you want, then save it again. At least at the moment.

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Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response