Subject: Memory de-allocation and "restore"
Posted by rutledge on Wed, 10 May 1995 07:00:00 GMT
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I apologize to those who are boring of this subject, but I
have not received any answers at all, and I cannot believe that
the difficulty I am having MUST exist -- there must be SOME way
around it.

I save a variabele "specdata" (a common variable) using a "save" command.
"specdata" contains, at different times, different information, but all of the
same structure, to various files.

I ran the following test:

```
for i=0L, n_ffiles-1 do begin   ; CYCLE THROUGH THE FILES
   specdata = 0
   restore, filename=ffiles(i), /verbose
endfor
```

which cycles through files and restores to the variable "specdata". On the
first iteration, the loop takes about 10 seconds, and no time is spent
at the "specdata=0" line. On the second iteration, approximately 2minutes
are required by the "specdata=0" line, and >10 minutes are required on
that "restore". The second "restore" is half the memory size of the first
"restore", so it is not a problem of the memory requirements.

Is this REALLY the way IDL is? Is there REALLY no way to improve this
(either for me to improve this, or RSI to improve this). If this cannot
be improved, I cannot use IDL in the future, because it is simply not
fast enough on silly 'ol I/O.

Bob