
Subject: Re: Reading large files with restore
Posted by [Paul Van Delst\[1\]](#) on Tue, 24 Sep 2013 17:56:20 GMT
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Sweet. I did not know about these savefile objects and methods (I thought they were still pre-object-y).

I'm still using my own handrolled "dumpfile" procedures from the 90's for quick-and-dirty output -- I guess I can delete 'em now.

Thanks for the info/reminder.

cheers,

paulv

p.s. To the OP, please post the results of your trying PhillipB's tips below if you get a chance. I'm interested if they work the way you need.

On 09/20/13 12:46, Phillip Bitzer wrote:

- > Let me see if I understand:
- >
- > 1) You have a save file with a *lot* of data.
- > 2) You'd like to restore and work with some of the data.
- > 3) It takes a long time to restore everything in the file and extract just what you want.
- >
- > If this is correct, then the IDLSave_File object is what you're after.
- >
- > Consider a save file created with :
- > SAVE, var1, var2, file='idl.sav'
- >
- > Then you can get *just* var1 with
- > sObj = OBJ_NEW('IDL_Savefile', 'idl.sav')
- > sObj->RESTORE, 'var1'
- > OBJ_DESTROY, sObj ;when you're done with the file
- >
- > There are ways to get the variable names if you don't know them a priori. Check out:
- > http://www.exelisvis.com/docs/IDL_Savefile.html
- >
