
Subject: Re: Reading large files with restore

Posted by [Sir Loin Steak](#) on Mon, 23 Sep 2013 12:48:04 GMT

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On Friday, 20 September 2013 17:46:42 UTC+1, 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

Thanks very much, that sounds like exactly what I want! I'll give it a go now.
