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Subject: Re: programme driven variable names

Posted by [David Fanning](#) on Thu, 22 Feb 2007 14:30:45 GMT

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Ingo von Borstel writes:

- > I have a set of routines that act on similar sets of data. In order to
- > have these pre-processed data easily available for further analysis I
- > save the appropriate data structures in an IDL sav file for later
- > retrieval via the restore command.
- >
- > Unfortunately, the variables saved will always bear the same name. This
- > is inconvenient, if I like to compare data from several of these data
- > sets, restored from several \*.sav files.
- >
- > Is there a way to rename variables during run-time without user interaction?

I think it would make more sense to write an IDL  
retrieval FUNCTION that could restore the data, stuff  
it into a structure of some sort, and return that.

```
IDL> data_1 = GetSavedVarvariables('file_1.sav')  
IDL> data_2 = GetSavedVarvariables('file_2.sav')  
IDL> Plot, data_1.experiment, data_2.experiment
```

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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