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Subject: Re: restore all but ! variables

Posted by [Michael Galloy](#) on Thu, 29 May 2008 21:04:05 GMT

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Jeremy Bailin wrote:

- > Does anyone know of a convenient way of restoring the contents of a
- > SAVEd file created using /ALL that will restore everything except for
- > system variables (ie. anything starting with !)? I have some old .sav
- > files from a different system with a different file structure, and
- > doing a simple RESTORE over-writes things like !PATH that really need
- > to be from the new system.

I think the IDL\_Savefile class should be able to do what you want, but the "everything else" needs to be enumerated i.e. regular variables and common blocks should be sufficient:

```
IDL> save, /all, filename='all.sav'
```

```
IDL> exit
```

```
~$ idl
```

```
IDL> savfile = obj_new('idl_savefile', filename='all.sav')
```

```
IDL> savfile->restore, savfile->names(), /verbose ; regular  
variables
```

```
IDL> savfile->restore, savfile->names(/common_block), /common, /  
verbose ; common blocks
```

```
IDL> obj_destroy, savfile
```

Mike

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