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

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: programme driven variable names
Posted by Ingo von Borstel on Thu, 22 Feb 2007 15:27:47 GMT

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Hi,

> 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 = GetSavedVarariables('file_1.sav')
>   IDL> data_2 = GetSavedVarariables('file_2.sav')

>   IDL> Plot, data_1.experiment, data_2.experiment

Indeed. That sounds like a plan. Works nicely.

Thanks for the idea. Should have thought of it myself, though.

Regards,
Ingo

--
Ingo von Borstel <newsgroups@planetmaker.de>
Public Key: http://www.planetmaker.de/ingo.asc

If you need an urgent reply, replace newsgroups by vgap.

Subject: Re: programme driven variable names
Posted by David Fanning on Thu, 22 Feb 2007 15:50:29 GMT
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Ingo von Borstel writes:

> Indeed. That sounds like a plan. Works nicely.
> Thanks for the idea. Should have thought of it myself, though.

That occurred to me, too, But...you know how it is.
Some days just seem like Fridays from the get-go. :-)

Cheers,

David
--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")