Subject: SAVE
Posted by [fgg](#) on Thu, 13 May 2010 20:05:44 GMT

Hi there,

I'm running a procedure that has lines in it such as:

(Scope_VarFetch('data', LEVEL=1, /ENTER)) = 1

... that are used to save variables to the main IDL level. I'd like to
add a line at the end of this procedure to make it save all variables
that were created in a *.sav file. Something like this:

save, /variables, filename= '/Users/xxx/Desktop/example.sav'

... but it's not working. I'm getting in the *.sav file all other
variables defined in the procedure, but the ones created using
Scope_VarFetch. Any suggestions?

PS: if I run the procedure first (without the save line in it) and
then type the save line at the IDL prompt I get exactly what I want.
Just wanted to know if it's possible to automate this process.

Thank you!

Subject: Re: SAVE
Posted by [jeanh](#) on Fri, 14 May 2010 22:53:33 GMT

> One of the suggestions I
> got was to include parameters in my procedure, define the variables
> within the procedure, and then call it specifying the parameters
> similarly on the command line. Something like this:
>
> pro xxx, a=a, b=b, c=c

as a matter of fact, a,b,c are keywords here. You can also simply do

pro xxx, a,b,c

Jean

Subject: Re: SAVE
Posted by [fgg](#) on Mon, 17 May 2010 18:49:27 GMT

On May 14, 3:53 pm, jeanh
<jghasb...@DELETETHIS.environmentalmodelers.ANDTHIS.com> wrote:
> >One of the suggestions I
>
>> got was to include parameters in my procedure, define the variables
>> within the procedure, and then call it specifying the parameters
>> similarly on the command line. Something like this:
>
>> pro xxx, a=a, b=b, c=c
>
> as a matter of fact, a,b,c are keywords here. You can also simply do
>
> pro xxx, a,b,c
>
> Jean

That's true. The advantage of using a=a,b=b,... is that I can easily
change the name of the variables if I need to:

IDL> xxx, a=a1, b=b1
IDL> xxx, a=a2, b=b2

Thank you.

Subject: Re: SAVE
Posted by jeanh on Tue, 18 May 2010 12:44:00 GMT

On 17/05/2010 2:49 PM, fgg wrote:
> On May 14, 3:53 pm, jeanh
> <jghasb...@DELETETHIS.environmentalmodelers.ANDTHIS.com> wrote:
>>> One of the suggestions I
>>
>>> got was to include parameters in my procedure, define the variables
>>> within the procedure, and then call it specifying the parameters
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>
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> That's true. The advantage of using a=a,b=b,... is that I can easily
> change the name of the variables if I need to:
>
> IDL> xxx, a=a1, b=b1
> IDL> xxx, a=a2, b=b2
>
> Thank you.

:-) as in
xxx,a1,b1
xxx,a2,b2
?

Jean
PS: the true advantage of keywords is that they can be omitted