Subject: Re: Renaming a variable in IDL?

Posted by Maarten[1] on Fri, 24 Aug 2007 08:36:56 GMT

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On Aug 24, 7:28 am, peterber...@gmail.com wrote:

- > Hi,
- > I am writing a procedure for autmatically saving some variables from
- > more advanced programs for easy access later on. Something along the
- > lines of:

>

- > PRO, SAVPRO, XVAR, Fname
- > save, XVAR, filename=Fname
- > end

>

- > So if I want to save the file 'YVAR' to filename 'YVAR.sav' I would
- > call:
- > SAVPRO, YVAR, 'YVAR.sav'
- > The problem is that in the save file the variable would be called XVAR
- > instead of YVAR, which is a problem for me.
- > I realized that I can retrieve the original varaible name as a string
- > and include it to the SAVPRO call. But then I got lost on how to
- > rename a variable to a string name. I was thinking there might be
- > soemthing along the lines of using echo in unix (echo
- > \$STRYVAR'=XVAR'), but I have found no such function.

>

- > My question is: Is it possible to rename a variable in IDL
- > automatically? Or is there a better way to do all this?

; restore into XVAR, varname is the string that contains the name to be used dum = EXECLITE(varname + " = XVAR")

dum = EXECUTE(varname + " = XVAR") undefine, XVAR

But there probably is a much better way (probably by not using save files at all).

Maarten

Subject: Re: Renaming a variable in IDL?
Posted by Foldy Lajos on Fri, 24 Aug 2007 08:38:54 GMT
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On Fri, 24 Aug 2007, peterberg79@gmail.com wrote:

- > Hi,
- > I am writing a procedure for autmatically saving some variables from
- > more advanced programs for easy access later on. Something along the

> lines of: > > PRO, SAVPRO, XVAR, Fname > save, XVAR, filename=Fname end > call: > SAVPRO, YVAR, 'YVAR.sav'

- > So if I want to save the file 'YVAR' to filename 'YVAR.sav' I would
- > The problem is that in the save file the variable would be called XVAR
- > instead of YVAR, which is a problem for me.
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- > soemthing along the lines of using echo in unix (echo
- > \$STRYVAR'=XVAR'), but I have found no such function.
- > > My question is: Is it possible to rename a variable in IDL
- > automatically? Or is there a better way to do all this?

> >

- 1. execute
- (scope\_varfetch('xvar', /enter))=temporary(yvar) moves the content of yvar to xvar (yvar will be undefined).

regards, lajos

Subject: Re: Renaming a variable in IDL? Posted by peterberg79 on Fri, 24 Aug 2007 09:07:07 GMT

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