Subject: Re: accessing variables with their string names
Posted by Aviv Gladman on Fri, 19 Dec 1997 08:00:00 GMT

Well, i'm probably not the only one to respond to this message, but here goes:

You can use the execute function to perform operations on string variables. Eg:

varlist=['var1','var2','var3']

for i=0, 2 do r=execute('print,'+varlist[i])

will print the contents of var1, var2, and var3. I find this a convenient way to add callbacks to widgets on the fly, using a linked list of string callback function names which are executed by the event handler.

Aviv S. Gladman

On Fri, 19 Dec 1997, Natalie
Rooney wrote:

> Hello. I'm trying to create a graphical user interface to do analysis
> and plotting of research data. My widget contains a list widget where I
> display the names of the data the user has read in.
>
> The problem is: I wanted the user to be able to read in a dat file of
> saved variables. I don't know what the names of the variables will
> necessarily be. I figured out a way to get the STRING names of the
> restored variables into an array. But, I still need a way to access the
> data that the variables contain for plots, etc. Is there any way to
> access the variables' data if all you have is a string array of the
> variables' names? I'd appreciate any help.
>
> Thanks,
> Natalie Rooney
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