
Subject: Re: Can I do this with call_procedure/call_function, or do I have to use execute?

Posted by [Braedley](#) on Tue, 19 Sep 2006 11:56:40 GMT

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David Fanning wrote:

> Braedley writes:

>

>> I posted this recently in IDL only group, but to no avail, so I'll try

>> here now.

>

> Yeah, the Interface Definition Language people don't know squat

> about IDL. :-)

Oops, my bad.

>> In a widget program, I have a pseudo command line. When an event is
>> triggered for this command line, the contents of the line are passed to
>> the handler (obviously as a string). That string may contain something
>> like:

>>

>> print, f_samp

>>

>> in which case, I would like the program to display the value for f_samp

>> in an output text widget, much the same way that entering the same

>> command into the IDLDE command line prints the value to the command

>> output window. The code to do this with execute is fairly easy,

>> namely:

>>

>> executed=execute('widget_control, output_text_widget, \$

>> /append, set_value=' + commands[1], 0, 0)

>>

>> where commands is the value returned after performing strsplit on the

>> input string with space and comma delimiters (in this case, f_samp).

>> What I'm wondering is, since I want this particular piece of code to

>> run on a computer with only a copy of the virtual machine installed,

>> can I accomplish the same feat with only using call_procedure and or

>> call_function?

>>

>> As a side note, the following will not work:

>>

>> call_procedure, 'widget_control', output_text_widget, \$

>> /append, set_value=commands[1]

>>

>> That will just print f_samp, not the value of f_samp.

>

> You are going to have to obtain the *value* of the variable,

> as you realize. To do that, you are going to have to learn

> about SCOPE_VARFETCH and SCOPE_VARNAME. Here is an article
> that might help:
>
> http://www.dfanning.com/tips/access_main_vars.html
>
> 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.")

Thanks for the tip. Works just the way I want it to.

Braedley
