Subject: Re: Can I do this with call procedure/call function, or do I have to use execute?

Posted by David Fanning on Mon, 18 Sep 2006 21:11:50 GMT View Forum Message <> Reply to Message

## 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. :-)

```
> 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 acomplish 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.")

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
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- >> namely:

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- >> input string with space and comma delimiters (in this case, f\_samp).
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  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