
Subject: Re: eval

Posted by [Dominic Metzger](#) on Wed, 04 Oct 2006 01:25:49 GMT

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Thanks David...

Would this also be possible with `call_function` or `call_procedure` since `EXECUTE` causes certain limitations and inefficiencies.

Something like:

```
IDL> foo="bar, arg1, arg2, arg3, arg4=foo"
```

```
IDL> call_procedure(foo)
```

I want to dynamically build the list of arguments as a string and then call the whole thing. Is this possible with `call_function` or `call_procedure`?

Or is it possible to pass in an array containing the arguments (including named args) somehow?

thanks,

dometz

PS: Is it even possible to get the return value when using `execute` for a function?

David Fanning wrote:

> Dometz writes:

>

>> Is there something like the Unix `eval` command:

>> "The `eval` utility will construct a command by concatenating arguments together, separating each with a space character. The constructed command will be read and executed by the shell."

>> in IDL? So that I basically can create a command dynamically by creating a string that will then be "evaluated"?

>>

>> Something like:

>> IDL> foo="print, bar"

>> IDL> eval(foo)

>> bar

>

> See `EXECUTE`.

>

> 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.")
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