Subject: Re: eval
Posted by David Fanning on Wed, 04 Oct 2006 01:51:43 GMT

Dometz writes:

> 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 the
> 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?

Call_Procedure, Call_Method, and Call_Function, along
with Execute, I call "virtual" functions. With Execute
you create the actual IDL command you want to execute
as a string. With the other three virtual functions
the name of the procedure/function/method is passed
as a string (usually so it can be determined at run-time)
but the rest of the parameters are passed normally,
as if to the correct procedure/function/method.

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.")