Subject: Re: Creating procedure with arbitrary number of input parameters
Posted by Russell[1] on Sat, 14 Jan 2012 19:26:16 GMT
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It's ugly, but it's doable....

Presumably, you have some code that will call some other code which
has an unknown number of inputs (and possibly outputs), making it
impossible to elegantly write it ahead of time. However, the first
code must know what number of inputs and outputs that code 2 should
have, so why not just write code 2 in real-time. So store your code
as a string (or even read it from an ascii file) and write it out to
be compiled with "resolve_routine" and called by "call_procedure" or
"call_function". You could use "execute", but that'll be a mess if
you decide to use the IDL Virtual Machine.

Russell

On Jan 12, 2:34 pm, PMan <bloodysam.v...@gmail.com> wrote:
> I am trying to created a procedure with an arbitrary number of input
> parameters that will be determined at run time. There does seem to be
> a mechanism to do this in IDL. For example, in the STRING function:
>
> Syntax
> Result = STRING(Expression1, ..., Expressionn, ...
>
> can handle N input parameters. However, I cannot find any documents or
> references showing how to implement this.
>
> Does any one here know how this can be achieved?
>
> Thank you for your attention.