
Subject: Re: wrapper functions

Posted by [Dominic Metzger](#) on Thu, 05 Oct 2006 23:51:42 GMT

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Hah, I see... is there a way that I wont have to define the positional parameters since otherwise I will have to check again which ones were passed in?

Example

READ_PICT, Filename, Image [, R, G, B]

so, here I would have to check if R was passed in, if G was passed in, if B was passed in to see if I need to include them in the call inside of the wrapper function.

best regards,

dometz

David Fanning wrote:

> Dometz writes:

>

>> So, I am trying to create wrapper functions with the use of _EXTRA,
>> _REF_EXTRA. I am not sure what I am doing wrong or if _REF_EXTRA can
>> only be used for named arguments.

>>

>> Why does the following give me the attached error?

>>

>> LOG_READ_JPEG, './testall/read_jpeg.jpeg', a

>>

>>

>> PRO LOG_READ_JPEG, _REF_EXTRA=e

>> COMPILE_OPT HIDDEN

>> print, "foobar"

>> READ_JPEG, _EXTRA=e

>> END

>>

>>

>> Error message:

>> READ_JPEG, _EXTRA=e

>> ^

>> % READ_JPEG: Incorrect number of arguments.

>

> The _EXTRA mechanism is called *keyword* inheritance,
> since only keyword parameters, not *positional* parameters

> can be collected and passed with this approach. You
> will have to define the positional parameters for READ_JPEG
> in your wrapper routine.
>
> 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.")
