
Subject: Re: wrapper functions

Posted by [Dominic Metzger](#) on Fri, 06 Oct 2006 19:42:37 GMT

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Hmmm, well, my problem is that these wrappers should be transparent, meaning that all the error messages should be the same with or without the wrapper.

Is this duable?

thanks & best regards,

dometz

David Fanning wrote:

> Dometz writes:

>

>> Wow, I got you guys started on something here... thanks for your input.

>

> We're bored. :-)

>

>> So assuming that READ_PICT would also have some keyword parameters,

>> then I could use REF_EXTRA in the following way... correct?

>>

>> pro READ_PICT_WRAPPER, Filename, Image, R, G, B, _REF_EXTRA=E

>> case (N_PARAMS()) of

>> 5: READ_PICT, Filename, Image, R, G, B, _EXTRA=E

>> 4: READ_PICT, Filename, Image, R, G, _EXTRA=E

>> 3: READ_PICT, Filename, Image, R, _EXTRA=E

>> 2: READ_PICT, Filename, Image, _EXTRA=E

>> else: message, "READ_PICT must have at least two parameters"

>

> You could, but the chance of someone passing an R

> vector without a G and B vector must be within the

> floating underflow error of zero. Why waste time

> coding for things that aren't going to happen? :-)

>

>> For the second option: Could I build an array for { Filename, Image, R,

>> G, B} and pass it in?

>

> No.

>

> If I were coding this wrapper, I would write it like this

>

> FUNCTION READ_PICT_WRAPPER, filename, r, g, b, _REF_EXTRA=extra

> IF N_Elements(filename) EQ 0 THEN Message, 'Must pass a filename.'

> READ_PICT, filename, image, r, g, b, _EXTRA=extra

> RETURN, image

> END
>
> 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.")
