
Subject: Re: wrapper functions

Posted by [David Fanning](#) on Fri, 06 Oct 2006 13:34:27 GMT

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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

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
