
Subject: Re: Pass-By-Reference question.

Posted by [Mark Hadfield](#) on Thu, 11 Mar 2004 04:24:49 GMT

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Tim Robishaw wrote:

> Craig Markwardt <craigmnet@REMOVEcow.physics.wisc.edu> wrote
>

>> Mark, are you relying on a documented feature of IDL, or are you just
>> assuming that because it works, it's right? I've never assumed that
>> keyword inheritance works by overriding explicit values. In fact, I
>> would have assumed the exact opposite, namely that the explicit
>> overrides the generic.

>

>

> Craig, the online IDL help document explicitly details this behavior as
> a feature of passing by reference.

>

> IDL> ? _REF_EXTRA

>

>

>>> As to why Tim's example works for XRANGE & YRANGE but not NODATA, I have
>>> no idea. Perhaps you are not really doing what you think you are doing.

>>

>> I agree, the Tim's example is truly strange.

>

>

> Oh, no, the Tim knows what he's doing. ;-> I'm not going to go into
> what brought this up, but as for being strange, I think the example I
> provided is perfectly legit:

I don't think Craig was suggesting that you are trying to do something
strange(*) just that IDL's behaviour, as reported by you, is strange.
Perhaps it's a bug in PLOT?

To rule out the possibility that you have made some basic mistake, can
you please post some self-contained test code that illustrates the problem.

(*)Though if you were doing something strange with IDL, you certainly
wouldn't be the first. Ask David. Ask David's wife.

--

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