
Subject: Re: keyword issue (top 10 IDL request?)
Posted by [Andy Loughe](#) on Wed, 19 Jul 2000 07:00:00 GMT
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Kenneth Mankoff wrote:

>
> Hi all,
>
> here is another thing with current versions of IDL that causes problems
> and confuses me:
>
> a keyword set to 0 should not be undefined, it should be defined as zero.
> For example:
>
> IDL> create_globe, lat=90, long=0, ...
> I want create_globe to put longitude 0 at the center of the image (i.e.
> pass "0" to map_set). But if i don't use long= at all, then it should be
> undefined, and the following code should run (inside create_globe)
> IF (NOT KEYWORD_SET(long)) THEN long = 277.5 ;;; geomagnetic pole '98
>
> However, the above line of code runs even if i set long to "0". I have
> been using long=0.1 as a work-around, but this is an ugly hack that others
> might not think to use.
>
> any ideas to fix this are welcome, and if no one has any good ideas, then
> please add this to your top ten list, David Fanning.
>
> Thanks,
> ken.

if (N_elements(long) eq 0) then long = 277.5

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