
Subject: keyword issue (top 10 IDL request?)

Posted by [Kenneth Mankoff](#) on Wed, 19 Jul 2000 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

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.
