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Subject: Re: IDL map\_set question  
Posted by [davidf](#) on Tue, 13 May 1997 07:00:00 GMT  
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Wayne Keith <waynek@spacsun.rice.edu> writes:

> I am fairly new to IDL and am having trouble with the map\_set function  
> making an orthographic projection. I can do the default, but in the  
> reference guide it says "If the keyword LIMIT is not set, the region of  
> the globe mapped to the UV plane is the hemisphere around the center of  
> the projection." I am doing a plot with the North pole centered and  
> would like to limit the plot at 30deg, but I can't figure out how to make  
> the LIMIT keyword work properly for this projection style. Following the  
> reference guide directions for LIMIT I keep getting floating point  
> errors. Can anyone help?

Polar orthographic? Auh, oh.

I tried this and didn't get any errors:

```
IDL> Map_Set, /Ortho, 90, 0, /Grid, /Cont, Limit=[30,-180, 90, 180], /Label
```

Of course, I didn't try to put any \*data\* on it. :-)

Cheers!

David

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