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Subject: Re: map projections webinar

Posted by [David Fanning](#) on Wed, 19 Oct 2011 19:00:26 GMT

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David Fanning writes:

> And I put an attempt at a Function Graphics file  
> here:  
>  
> [http://www.idlcoyote.com/misc/ng\\_geotiff\\_image.pro](http://www.idlcoyote.com/misc/ng_geotiff_image.pro)  
>  
> I cannot size the image appropriately, or even leave  
> room in the window for the title. If someone could  
> make it work, I would be *\*extremely\** grateful. :-)

Note to self: No more programming at 3AM!!

I just turned my attention back to this project, and realized that the `ng_geotiff_image.pro` program I put up there last night (early this morning!) wasn't working. I've replaced it with one that is:

[http://www.idlcoyote.com/misc/ng\\_geotiff\\_image.pro](http://www.idlcoyote.com/misc/ng_geotiff_image.pro)

Well, "working" as in compiles and displays something.

It doesn't work in that I can't appear to "position" a map object in the graphics window. In other words, this code appears to ignore the POSITION keyword:

```
m = MAP('Albers Equal Area', $
    ELLIPSOID='WGS 84', $ ; WGS84
    CENTER_LATITUDE=geotag.PROJNATORIGINLATGEOKEY, $
    CENTER_LONGITUDE=geotag.PROJNATORIGINLONGGEOKEY, $
    STANDARD_PAR1=geotag.PROJSTDPARALLEL1GEOKEY, $
    STANDARD_PAR2=geotag.PROJSTDPARALLEL2GEOKEY, $
    XRANGE=xrange, YRANGE=yrange, $
    POSITION=[0.025, 0.025, 0.975, 0.85])
```

Well, it ignores the XRANGE and YRANGE keywords, too, but this is an error I know about. I fix that error by doing this:

```
m.xrange = xrange
m.yrange = yrange
```

But, when I try the same technique with the ignored POSITION keyword:

```
m.position =[0.025, 0.025, 0.975, 0.85]
```

I am given this error:

```
% MAPPROJECTION: Unknown property: POSITION
```

There are other problems as well, but if I could solve this one I would be moving forward.

Cheers,

David

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David Fanning, Ph.D.

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

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

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