Hi Morgan-

On Tuesday, February 18, 2014 2:42:25 PM UTC-6, Morgan Silverman wrote:

> I'm trying to set up a map projection using
>
> mapCoord = Obj_New('cgMap', 'Lambert Conformal Conic', Ellipsoid='WGS 84', /GCTP,
limit=limit, $
>
> position=plotPosition, center_latitude=38.5, center_longitude=-77.5, STANDARD_PAR1=40,
STANDARD_PAR2=-39). I honestly am just following examples I've seen but don't understand
what each piece means and can't for the life of me find answers anywhere. At the moment I'm just
getting a white screen when using mapCoord compared to cgMap_set.

Well, since you're using objects, you have to get into a slightly different mindset. The OBJ_NEW()
command simply _initializes_ the object. You still have to draw it:

mapCoord->Draw

This invokes the Draw method of the object.

> Is there a list of different ellipsoid options to use?

According to the documentation for cgMap
(https://www.idlcoyote.com/idldoc/maps/cgmap__define.html), it is basically a wrapper for
MAP_PROJ_INIT : http://exelisvis.com/docs/MAP_PROJ_INIT.html