
Subject: Multiple plot with mapCoord

Posted by [morganlsilverman](#) on Wed, 02 Jul 2014 17:29:53 GMT

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Hello,

I'm struggling to create a 6 panel multiple graph plot. I started trying to use !P.Multi=[3,3,1] and tried to follow these suggestions https://www.idlcoyote.com/tips/oplot_pmulti.html since I need to put several lines of data on each graph separately. I have a map background for each plot that I've created using

```
mapCoord = Obj_New('cgmap', 'Stereographic', Ellipsoid='WGS 84', Limit=limit, $
  center_lat=centarlat, center_lon=centerlon, position=pp)
mapCoord -> Draw
cgMap_Grid, map=mapCoord, /box
cgMap_Continents, map=mapCoord, /continents, /countries, /usa, /advance
cgplots, Avg2000Lon, Avg2000Lat, map=mapCoord, color='blue', thick=4
p1 = !P & x1 = !X & y1 = !Y
```

I'm hoping someone can give me some guidance because what I'm doing is not working. Thank you.

Sincerely,
Morgan
