
Subject: PlotS won't show if in a script/program
Posted by [APound](#) on Tue, 20 Nov 2007 18:04:00 GMT
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I am very new at IDL Programming (actually only have a week or so under my belt), I am not in any class, and I am learning it as I go, pretty much. Many thanks already to all of you, the posts and other tutorials online have helped tremendously.

As to my problem. I am trying to map a number of points in lon/lat values onto a map projection. I have finally been able to figure out how to do it at the command line. I can have it display in a window, and also direct it to the ps device. My problem arises in trying to automate the process by typing it into a script. I have tried numerous ways to do this. Thankfully, I have learned how to load the color tables and modify them how I would like, and then set up the window in the resolution that I want. I can even map the continents and load my variables, but the PlotS command won't plot to the screen. It is:

```
PlotS, lons_all, lats_all, psym=4, symsize=1, color=230
```

or more correctly, it does plot to the window, but not inside of it (as demonstrated by the following, slightly different code:

```
PlotS, lons_all, lats_all, symsize=1, color=230
```

With this, I get 4 or 5 red lines across the entire window.)

So, I know that the plots command is plotting the data, but it seems that the coordinates are set up wrong, thus plotting the data points out side of the window.

I am pretty sure that there is a simple answer to why this isn't working... The funny thing to me is, that at the command line, the same exact lines of code produce the perfect image that I want.

Thanks in advance for your help.

Cheers,
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p.s. Any extra pointers on a great way to learn IDL better, (quicker, easier) are very welcome. Thanks