
Subject: Re: Multiple plot with mapCoord

Posted by [David Fanning](#) on Thu, 03 Jul 2014 13:46:28 GMT

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Morgan Silverman writes:

> I'm sorry for all the trouble but I tried modifying your code
> to work with my data and I get both a black background IDL window
> (which didn't happen in your Map_Test) and a white background
> resizable graphics window that creates an infinite number of windows
> until I hard quite IDL. I think this is because Avg2000Lon=float(73)
> so my code is trying to create 73 windows. Map_Test is based on 6
> discrete city lat/lons. How do I modify this to work with my array of
> values. I'm plotting trajectories so each window has several different
> trajectories plotted in each graph.

The DRAW method of the cgMap object doesn't "erase" the display before it draws, in the way, for example, a cgPlot command would. So, it draws in whatever window is currently open and in the "opposite" color. If you want to draw into a white background window, create one:

```
cgDisplay, 800, 400
```

No one who has read this newsgroup for any length of time can not know by now that the first thing to do when you have a problem with a Coyote Graphic routine is to update your library:

```
http://www.idlcoyote.com/code\_tips/fixcoyoteprogram.php
```

So, I presume you have done that and this is not why you are generating multiple windows.

I think it is more likely that you still have an ADDCMD keyword on one of the commands you are using that you haven't shown us.

I drew points in my example, but if converting that cgPlotS command to draw lines takes more than 10 seconds it is taking way too long. :-)

If you would like to purchase some consulting time and send me the code, the Coyote Store is always open. :-)

```
http://www.idlcoyote.com/coyotestore/
```

Cheers,

David

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David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")
