
Subject: Re: PLOTS versus POLYLINE

Posted by [Mark Piper](#) on Wed, 21 Nov 2012 15:15:34 GMT

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On Wednesday, November 21, 2012 3:22:14 AM UTC-7, alx wrote:

> Le mardi 20 novembre 2012 20:33:14 UTC+1, Brian McNoldy a écrit :

>

>> I have admittedly not tinkered around much yet with IDL's snazzy new graphics capabilities (map, text, polygon, etc), but was going to give it a try and convert a fairly simple program to the new format. In my example, a map is drawn, then various annotations are added, and lots of lines are added to the map (storm tracks). The tracks are in lat/lon coordinates of course, but must be treated carefully (I don't want to just throw the entire vector of coordinates at it at once).

Previously, I accomplished this with PLOTS (and /CONTINUE), and looped over the points, treating them as necessary.

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>> I can't find a function in the new graphics environment to do something similar, but am probably just missing something obvious. POLYLINE seemed like the correct avenue, but it's not cooperating.

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>> Any guidance would be much appreciated!

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> I am not fully experienced in using POLYLINE function. But I guess that you can do what you want by using its GETDATA/SETDATA and CONVERTCOORD methods, as well as the CONNECTIVITY keyword.

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> Adding, modifying and retrieving graphic components is the power of IDL object graphics.

>

> alx.

Thank you, Alain -- I agree, SetData is the key:

http://www.exelisvis.com/docs/SetData_Method.html

Brian, if you'd be interested, maybe we could work together to make an example that could be

included in the Help?

mp

P.S. (and totally OT) Brian, I saw a few of your recent posts on the Capital Weather Gang blog. Cool! My friend Greg Postel used to blog there, but he recently took a job with The Weather Channel.
