
Subject: Re: oplot - error in plotting to Z buffer only
Posted by [Dick Jackson](#) on Mon, 08 Feb 1999 08:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

Gwyn Fireman wrote:

- >
- > Well, I'm stumped.
- >
- > I have a routine to automatically generate a bunch o'gifs.
- > Usually it works fine.
- >
- > On one set of data it fails with the error:
- >
- > % OPLOT: No valid points, must have at least 2 distinct points
- >
- > But, but - I *do* have points to plot!
- > If I run this interactively I can re-enter the command after it gives
- > the error, and it works fine. (But .con does not)
- >
- > AND if I plot to an X-window instead of to the Z-buffer (as I usually
- > do when generating gifs) it runs fine.
- >
- > Has anyone seen a similar discrepancy?
- > Is there something I need to know about the Z buffer?

This may be the same bug I've run into. In some cases, when plotting:

- with my own UserSym plot symbol (say a 20-point circle)
- to the Z-Buffer device
- right at the bottom or top edge of the plot where the UserSym might meet or go over the edge (sorry, I don't remember exactly)

this very error would occur. When I fixed the YRange and plotted a set of points that started off the bottom and crept onto the plot, I could tell when it failed. I found a workaround, so I didn't get to the bottom of this.

Hope this helps!

Cheers,

--

-Dick

Dick Jackson Fanning Software Consulting, Canadian Office
djackson@dfanning.com Calgary, Alberta Voice/Fax: (403) 242-7398
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
