
Subject: Re: REQ: alternative plot procedure?
Posted by [davidf](#) on Tue, 15 Feb 2000 08:00:00 GMT
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Luis Alonso (luis.alonso@uv.es) writes:

> Is there available an alternative procedure to standard plot, in which one can
> zoom in, out, measure coordinates, scroll through the data...?

I just put a new example program named ZPLOT up on my web page (although the pointers to it are still being worked on). The purpose of the program is to show users how to zoom into a line plot. Adding scrolling or panning to the plot would be trivially easy. No more than a half-hour's work, I imagine. The other capabilities wouldn't be much harder. (I'd probably zoom with the Left Button and pan with the Right Button.)

Anyway, it gives you a place to start:

<http://www.dfanning.com/programs/zplot.pro>

The program takes all the positional and keyword parameters accepted by the IDL PLOT command. It comes in its own re-sizeable graphics window. To see it work, you can just call it like this:

```
IDL> ZPlot
```

You click and drag a rubberband box to select the region of the plot to zoom into. It currently zooms only along the X axis, although it is easy enough to zoom along either/or X and Y axes. Click and release anywhere in the window to zoom back out.

Cheers,

David

P.S. Oh, it also demonstrates the intelligent and device-decomposed-state-independent use of colors, so you will also need to download my GetColor program:

<http://www.dfanning.com/programs/getcolor.pro>

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David Fanning, Ph.D.

Fanning Software Consulting

Phone: 970-221-0438 E-Mail: davidf@dfanning.com

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Toll-Free IDL Book Orders: 1-888-461-0155
