
Subject: Re: replacement for insight

Posted by [Pavel A. Romashkin](#) on Mon, 26 Aug 2002 15:44:34 GMT

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David Fanning wrote:

>
> Well, now. Connecting the symbols with lines is not
> as straightforward as it might appear. I had to do
> some work to get it to work correctly with the
> regular plot. I just didn't think about the overplot,
> because that is not how I use it.

Uh. I did look at the code (I DID download it), but finding no objects
in the main routine I got disappointed :-)

The simplest thing that occurs to me to connect symbols with lines is
to plot the data twice with PSYM and without. However, I find it strange
that negative PSYMs are not honored by the program as it seems straight
forward through keyword inheritance.

In the view of these shortcomings from The Expert, I dare to offer the
updated (recently updated, namely last friday) DISPLAY.

http://www.ainaco.com/idl/idl_library/display.pro

Additions:

1. Use of DISPLAY as main graphics child in a widget program improved;
plots replacement is enforced unless /OVER is used.
2. Text positioning and dragging with the mouse improved in both data
coords (scalable) and on-glass (static).
3. CONTOUR has been added but is of limited use because of lack of
labeling. Will add color bar soon to make Contour more useful (already
have a request for that).
4. Description updated with new keywords listed.

And yes, PSYM with or without lines works, in plot or overplot mode. And
DISPLAY does scale a plot if newly appended data extend past the
existing axes ranges (unless you set KEEP_SCALE keyword :-). And it is a
single file, not a folder full of them :-). Uh, did I mention linking of
several DISPLAY plots in different windows using a ROI feature? It is
shown at

http://www.ainaco.com/idl/idl_library/display.html

Good luck,

Pavel

P.S. Geez, it is getting almost too good to give away for free :-)
