Subject: zoom capability in IDL object graphics?
Posted by Fred Knight on Wed, 16 Dec 1998 08:00:00 GMT
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I haven't monitored this list for months, so I don't know if this topic has been covered. Forgive me. I want something in IDL like Matlab's zoom feature in a figure window.

To be specific, in Matlab, you draw into an X window (that has a few pull-down menus), and you can also use the mouse to zoom in and out when you turn on the zoom feature. I find Matlab's zoom feature extremely enticing. With IDL's object graphics, the same should be possible. IDL's live_plot (at least through version 5.1) allows annotation, printing, and zooming out---but not the capability to zoom in on a particular region of interest. IDL's live_image doesn't allow translation or zooming. IDL's insight has a minimal (2 steps) of "zoom in" that you can access from the pull-down View menu, but this is slow, cumbersome, and not mouse-based.

I'd like to hear whether IDL users have developed object graphics with mouse-based zoom capability, e.g., click-and-drag selection of region of interest on 2-D plots and images. The larger question is how RSI will add this capability. Comments?

Fred

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Fred Knight | knight@Il.mit.edu | 781 981 1053 | fax: 781 981 5359 C-490 | MIT Lincoln Laboratory | 244 Wood St. | Lexington, MA 02420-9108

Subject: Re: Zoom

Posted by Liam Gumley on Fri, 12 Nov 1999 08:00:00 GMT View Forum Message <> Reply to Message

Yura Beletsky wrote:

- > I'm a beginner in IDL. Could anyone help me in writing a simple ZOOM
- > procedure?
- > For example I have a plot and I need to zoom the certain part of the plot
- > grafic..

You may wish to check out wplot and woplot at http://airs2.ssec.wisc.edu/~paulv/#idl

Cheers, Liam.

Liam E. Gumley

Space Science and Engineering Center, UW-Madison http://cimss.ssec.wisc.edu/~gumley

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