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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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