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Subject: Re: Overplot behalvs strange

Posted by [David Fanning](#) on Thu, 04 Nov 2010 13:04:45 GMT

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sirvival writes:

- > Strange thing is I used /noerase on a different window in my code and
- > it still does what I want (display is from
- > <http://www.astro.uu.se/~piskunov/RESEARCH/REDUCE/display.pro>).
- > Even if it is in a differnt pro that I run prior.

Yes, any time you do a Plot or Contour command, a data coordinate system is established and stored in system variables. It doesn't matter what window you issue the command in. But, if you rely on commands outside your program to do things for you, you will be shocked and awed, sooner rather than later, at how quickly things can turn bad for you. And it is usually during the big demo of your new software to your boss. :-)

- > With wrong you mean nlevels?

When you use the NLEVELS keyword in a contour plot, you are only guaranteed the number of levels won't exceed N. How many \*less\* than N you get is a matter of which phase the moon is in and whether you have attended religious services in the past 10 days.

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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