Subject: Re: Newbie-Alert: Plotting 3D data in IDL Posted by David Fanning on Fri, 23 May 2003 14:36:20 GMT View Forum Message <> Reply to Message

Stephan Eickschen (eicksch@gfz-potsdam.de) writes:

- > I am sure that this is an old topic, easily to solve problem but I hope that
- > you are lenient towards me...

Are you kidding me!? We are \*brutal\* to newbies!

- > I have a 3D data set. I managed to get it read by IDL. Now I would like to
- > plot the data as three orthogonal slices, each plane parallel to one of the
- > axis. I was not able to get slicer3 working properly.

Humm. This would definitely be the preferred solution. Are you sure you are calling it correctly? It requires a pointer to the data:

IDL> ptr = Ptr\_Free(data) IDL> Slicer3, ptr

- > Additionally, I prefer
- > a non-interactive approach. I googled a while and found some pointers to
- > slice.pro by David Fanning. I grabbed it from the net, but I couldn't find
- > ps form anywhere not even on Davids web page...

Oh, don't even remind me of PS\_FORM. :-(

Let this be a lesson to you as you become more proficient in IDL. Don't \*ever\* publish your first widget program. You will regret it all your life.

If you \*have\* to use SLICE (and I don't recommend that ancient program, either), then download PSCONFIG and do a global search and replace on PS\_FORM:

http://www.dfanning.com/programs/psconfig.zip

- > So my question(s):
- > is there an (easy?) step-by-step guide to do the task
- > can I find all files needed for slice with IDL\_5.5 somewhere?

If you use SLICE, be sure to set DEVICE, DECOMPOSED=0. I think that program was written 25 years before 24-bit colors were a reality.

Cheers,

## David

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

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