
Subject: Re: completely reset PostScript device between plots?

Posted by [R.Bauer](#) on Mon, 29 Apr 2002 10:55:12 GMT

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noymer@socrates.Berkeley.EDU wrote:

>
> Dear Comp.Lang.IDL-PVwave,
>
> I have a program that generates three separate EPS graphs in IDL
> (5.3) direct graphics. This must be a FAQ but searching Google didn't
> yield anything. You guys have been particularly patient with my
> questions in the past, so I'm going to venture a post.
>
> The PS device is remembering something about prior graphs and it's
> messing up the later graphs. They are the wrong size, etc. I tried
> to mess around with various settings (charsize, etc., etc.) but none
> of them seem to fix the problem. If I skip a prior graph, the problem
> goes away for the subsequent one. Is there not a way just to reset
> totally the PS device between plots without getting lost in resetting
> every little thing? (or just some other way to prevent this problem?)
>
> Just to be perfectly clear, this is not a !P.Multi issue: I have
> three separate graphs in three separate Encapsulated Post Script
> files.
>
> I have flags that indicate which graphs to do. I usually want to
> draw all three graphs, so I do: "FOO, 1,1,1" at the IDL prompt. If I
> want only the middle graph, it would be "FOO, 0,1,0" - and so on. So,
> for now, I can solve the problem by calling the program three separate
> times (1,0,0; 0,1,0; 0,0,1). But there must be a better way. I built
> the flags for reasons other than to work around this problem, and in
> fact before I noticed the problem, so it's not a big deal for the time
> being. But I'd like to know how to do this without the kludge.
>
> TIA,
> Andrew
>
>

You scripts or the plot itselfs changes some system variables.
This is normal but in your case you should set them back to a previous
state.

You can save the system variables before each plot and restore them
back after one plot.

This could be done by:

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/download/savesysvar.tar.gz

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/download/restsysvar.tar.gz

For further routines please have a look at

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

regards

Reimar

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a IDL library at ForschungsZentrum Juelich

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

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