Subject: Re: Using colorbar with multiple plots and !p.multi Posted by David Fanning on Fri, 25 May 2007 21:53:40 GMT

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teich@atmsci.msrc.sunysb.edu writes:

- > I am using !p.multi to put multiple plots on a page. I would like to
- > put a colorbar underneath some or all of the plots. I am using
- > colorbar.pro (David Fanning's). For some reason, I get a colorbar
- > that superimposes on the plots.
- > This doesn't happen when I specifiy position keyword in the plots, but
- > I would rather use !p.multi if at all possible. I do have to specify
- > position for the colorbar and use !x.window and !y.window for that
- > part. I don't know if I am clear. Can anyone help?

Well, first of all, is there *room* for a colorbar when you specify multiple plots with !P.MULTI? Unless you are using a VERY thin colorbar, I can't imagine there would be.

If there is room, then I would draw all the plots, *then* put the colorbar on the plots. The reason for this is that !P.MULTI is setting and interacting with lots of system variables to do its thing. And Colorbar uses a PLOT command to annotate the colorbar, so there is a possibility for unwanted interactions between !P.MULTI and the PLOT in the Colorbar routine.

I've never tried this, exactly, and graduation is tomorrow for my youngest son, and I have a house full of family, so...

Let me know.

Cheers.

David

--

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.")

Subject: Re: Using colorbar with multiple plots and !p.multi Posted by teich on Sat, 26 May 2007 05:36:17 GMT

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On May 25, 5:53 pm, David Fanning <n...@dfanning.com> wrote:

- > t...@atmsci.msrc.sunysb.edu writes:
- >> I am using !p.multi to put multiple plots on a page. I would like to
- >> put a colorbar underneath some or all of the plots. I am using
- >> colorbar.pro (David Fanning's). For some reason, I get a colorbar
- >> that superimposes on the plots.
- >> This doesn't happen when I specify position keyword in the plots, but
- >> I would rather use !p.multi if at all possible. I do have to specify
- >> position for the colorbar and use !x.window and !y.window for that
- >> part. I don't know if I am clear. Can anyone help?
- >
- > Well, first of all, is there *room* for a colorbar when
- > you specify multiple plots with !P.MULTI? Unless you
- > are using a VERY thin colorbar, I can't imagine there
- > would be.

- > If there is room, then I would draw all the plots, *then*
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- > to annotate the colorbar, so there is a possibility for
- > unwanted interactions between !P.MULTI and the PLOT in
- > the Colorbar routine.

- > I've never tried this, exactly, and graduation is tomorrow
- > for my youngest son, and I have a house full of family, so...

>

Let me know.

> Cheers,

>

> David

> --

- > 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.")

Thanks David, I will try that approach and see what I get.

Congradulations to your youngest son! I wonder if he has a calling in the world of IDL?

Howie

Subject: Re: Using colorbar with multiple plots and !p.multi Posted by David Fanning on Sat, 26 May 2007 10:40:24 GMT teich@atmsci.msrc.sunysb.edu writes:

- > Congradulations to your youngest son! I wonder if he has a calling in
- > the world of IDL?

He would, but not until it comes with a joystick and a LOT more action. :-(

Cheers,

David

--

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.")