
Subject: Re: IDLgrColorbar object

Posted by [davidf](#) on Tue, 17 Nov 1998 08:00:00 GMT

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Peter Connell (connell2@ltnl.gov) writes:

> I am attempting to use the Colorbar object in IDL 5.1 as a legend for a
> color-filled contour OOG plot. I am confused by the interactions of the
> COORD_CONV, DIMENSIONS, TICKVALUES, TICKTEXT, and MAJOR keywords with
> respect to positioning and labeling the colorbar. More specifically,
> COORD_CONV and DIMENSIONS seem to be related to data/normal coordinate
> conversion, while TICKVALUES seems to work with palette indices. Can anyone
> provide for me a clearer succinct explanation than appears in the IDL
> documentation?

You and I and everyone else I know who has tried
to use it are confused. I can only conclude that
whoever wrote that routine understands object graphics
a hell of a lot better than I do. :-(

I finally resorted to writing my own, which have the
advantage of thinking like I do. There is one for a
horizontal color bar and one for vertical. I like
them because you can give a range to the color bar with
a RANGE keyword, and you can position it in your
coordinate space with a POSITION keyword. Even I
can understand what these keywords do. :-)

You can find them on my web page:

http://www.dfanning.com/programs/vcolorbar__define.pro

http://www.dfanning.com/programs/hcolorbar__define.pro

Cheers,

David

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

Note: A copy of this article was e-mailed to the original poster.
