
Subject: Error in coyote's colorbar

Posted by [Brian Larsen](#) on Thu, 11 Oct 2007 16:19:39 GMT

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David et al,

I am picking up and improving the imagesc routine I started back in this thread

http://groups.google.com/group/comp.lang.idl-pvwave/browse_frm/thread/20e373e249126a98/66ddefbc6f26b007?lnk=gst&q=imagesc&rnum=1#66ddefbc6f26b007

and using http://www.dfanning.com/graphics_tips/logcb.html I have it working well except for the colorbar which is crashing.

I am wondering if anyone more intimately associated with that routine has seen this and knows a fix (either operationally on my side or in the colorbar routine) for this crash.

```
IDL> Window, XSize=600, YSize=400, Title='Logarithmic Color Bar'
IDL> Erase, FSC_Color(ivory)
IDL> colorbar, zrange=[0.,70.7107], /ylog, /vertical,
ytickv=LogLevels([0.,70.7107])
% PLOT: Warning: Infinite plot range.
% AXIS: Data coordinate system not established.
% Error occurred at: COLORBAR      412 /Users/balarsen/Documents/
idl/larsen/fanning/colorbar.pro
%      $MAIN$
% Execution halted at: $MAIN$
```

The issue is with the ytickv keyword but I am not sure how to fix it.

I realize there is badness associated with the log scaling of 0 but loglevels has it figured out so maybe colorbar or axis can as well.

Cheers,

Brian

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