Subject: extra lines in colorbar
Posted by simona bellavista on Mon, 03 Feb 2014 09:57:55 GMT

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I am doing a plot with a colorbar and I get like 10 extra vertical lines in the bar.

The portion of code that uses colorbar is part of a long code, and this is the problem: the extra lines corresponds to colors that I have used elsewhere in the code calling the routine cgcolor('something').

Say that my startup file is something like

device,retain=2, decomposed=0
loadct, 39

and then I run the code

x = dindgen(10)
plot, x,x, color = cgcolor('red')
plot,x,x, color=cgcolor('green')

colors=bytscl(x)
plot, x,x,/nodata
for i = 0, 9 do plots, x[i],x[i], color=colors[i]
colorbar

red and green lines appear in the colorbar because I have called cgcolor('red') and cgcolor('green') previously.

Now, because I don't want to restart idl when I want to use this colorbar, is there a way to delete the memory of the fact that I have called cgcolor previously?

I have seen that there is already the topic of a FAQ in Coyote Library that looks similar

http://www.idlcoyote.com/color_tips/lineinct.html

but I don't understand if these two problems are exactly the same.