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Subject: Re: iplot colorbar label

Posted by [penteado](#) on Thu, 10 Sep 2009 11:16:20 GMT

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On Sep 10, 7:11 am, "Thibault ." <garthalg...@yahoo.fr> wrote:

> Thanks for the routine!

>

> Indeed, I dont want the label to be the color index.

> I set my color table to a third variable z ( x and y are the

> positions).

> my\_col = fix(z \* 255/(max(z)-min(z))) where z spans the range 50 to

> 800.

> I think that writing this makes the plot that i want, attributing to

> each point defined by x and y in position, the appropriate color

> according to the z value.

> Then, using your pp\_colorbar\_range.pro routine by setting:

>

> iplot,x,y,/insert\_colorbar,rgb\_table=39,sym\_index=3,/

> scatter,vert\_colors=my\_col

> pp\_colorbar\_range,[min(z),max(z)],font\_size=12

>

> it gives something which seems to make sense... I hope it does :)

>

> In which way the keyword colors=colors is useful??

>

> Furthermore, do you have any idea how to save the iplots as postscript

> files?

There is no colors keyword for iplot, that I am aware of. There is color, which is used to set the color of the plot line by its rgb values (a constant color, while vert\_colors sets the color at each vertex.

In IDL 7.1, you can save the current itool to isv, ps, eps, and a bunch of other formats with

```
isave,'file.ps'
```

It guesses the format by the extension in the file name.

Before 7.1, you can, in the iplot window, go to the menu file->export-> to data file, if I remember right (in 7.1 it is in file->save).

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