

---

Subject: Re: GUI strategy advice needed  
Posted by [btt](#) on Tue, 24 May 2005 19:04:38 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Leslie Welser wrote:

>> Michael Wallace writes:

>> I don't mean to take this thread off subject, but what is the problem

>

>

>> with IDLgrColorbar? I've used OG colorbars in a lot of my plots and

>> never had any issue with them. So, what's not to understand? Just

>

> curious.

>

> Michael, since you seem to understand the IDLgrColorbar, can you give

> me a pointer? My colorbar looks great and is positioned correctly, but

> no matter what I try I can't get the tickmarks to be anything but the

> values from 0-255. In other words, I can't get the colors themselves

> to "link up" with the data values in my plot. Thanks for any help you

> can give me!

>

I'm sure Michael has something better up his sleeve, but I have been manipulating the tick values by explicitly providing the tick text, ala...

```
datarange = [15,35.]
```

```
colorbar = obj_new('idlgrcolorbar', /show_outline, /show_axis)
```

```
colorbar->GetProperty, tickvalues = ticks
```

```
nticks = n_elements(ticks)
```

```
myTicks = FINDGEN(nticks)/(nticks-1) * (dataRange[1]-dataRange[0]) +  
dataRange[0]
```

```
myTickString = STRTRIM(myTicks,2)
```

```
ticktext = OBJ_NEW('idlgrtext', mytickString)
```

```
colorbar->SetProperty, ticktext = ticktext
```

```
xobjview, colorbar
```

If you do it this way you'll want to cleanup the ticktext on your own.

I have a simple object that inherits from IDLgrContainer that cleans up the ticktext, fonts and titles when the colorbar is destroyed. That prevents memory leakage.

Cheers,  
Ben

---