
Subject: Re: iTools colorbar

Posted by [Kenneth P. Bowman](#) on Mon, 05 May 2008 14:13:59 GMT

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In article

<7094342c-12c0-43dd-a7cd-5013c9095075@c58g2000hsc.googlegroups.com>,
"sdettrick@gmail.com" <sdettrick@gmail.com> wrote:

```
> IPLOT, [0.0, 1.0], [0.0, 1.0], [0.0, 1.0], OVERPLOT = itool_id, /HIDE, $
> /INSERT_COLORBAR, RGB_TABLE = rgb_table
> colorbar_id = itool_obj -> FindIdentifiers('*COLORBAR', /ANNOTATION)
> colorbar_obj = itool_obj -> GetByIdentifier(colorbar_id[0])
> colorbar_obj -> SetProperty, ORIENTATION = 1, $
>
>         BORDER    = 1, $
>         TITLE     = 'Ozone (ppbv)', $
>         MAJOR      = 5, $
>         MINOR      = 1
> itool_obj -> RefreshCurrentWindow
```

```
> By the way there is a bug in vertical colorbar plots which can be
> fixed by hand - in idlviscolorbar__define.pro, change the line:
>
> data = currentorientation ? BINDGEN(2,256) : BINDGEN(256,2)
>
> to:
>
> data = currentorientation ? TRANSPOSE(BINDGEN(256,2)) :
> BINDGEN(256,2)
>
> (Thanks to James Jones, ITT engineer, for that fix).
>
> Cheers,
> Sean
```

Thanks for the suggestion, but ...

I originally started out to use the colorbar features built into the iTools, but I soon discovered that it is intended for indexed color plots. That is, the colorbar must contain 256 entries. I haven't made indexed color plots in years (and don't intend to go back there now), and my colorbars never have 256 entries.

I know that with some effort I could scale them, but that seems to defeat the purpose of 24-bit color.

So my current solution (you might find this amusing), is to open a small direct graphics window and draw the colorbar there. Of course,

the colorbar does not appear in any saved graphics files.

There has to be a way to do this. The question does not apply only to colorbars. What if I want to put an institutional logo in the annotation layer of my iTools graphic? How do I do that?

Ken
