
Subject: iTools colorbar

Posted by [Kenneth P. Bowman](#) on Thu, 01 May 2008 23:42:18 GMT

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I am making an iTools plot and need to add a colorbar to an existing iTool.

I am doing it this way:

```
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
```

The color bar appears, and I can successfully change some properties (orientation, number of ticks, add a border), but am unable to change others (title, tick labels, size and position of colorbar).

If I use the DIMENSIONS keyword, it changes the size of the colorbar image, but not the border and annotation.

I could do it interactively, but that means that no two plots would ever have the same color bar in the same place. Plus it gets old after a few hundred plots. :-(

I have looked at the IDLgrColorbar properties, and the properties that can be edited interactively in the iTool, but I am stumped.

Can anyone tell me how to change a colorbar's title, labels, position, and size?

Ken Bowman
