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Subject: Colormaps (a favorite subject!)

Posted by [Craig Hamilton](#) on Fri, 24 Mar 2000 08:00:00 GMT

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Hi all:

I've run into a little snag dealing with colormaps and thought I would seek the advice of the wise ones.

I have an image-viewing program that displays gray-level images. Works great. I had this idea that I wanted to make some of settings user-selectable on startup, so I first popped up a window with some radio buttons in it. One set of radio buttons lets the user select the number of gray-levels used in the colormap.

The problem is that IDL requires something like:

```
window,0,colors=numcolors,/pixmap,xsize=10,ysize=10  
wdelete,0
```

to initially setup the colormap, prior to any windows being created.

But, I have already created my popup window. So it seems to me I'm in a catch-22: I have to specify the number of colors before I create my popup window, but I don't know the number of desired colors until after I have created my popup window.

My popup doesn't create any draw widgets, if that matters.

So, the question is:

Is it possible to use a popup window to get from the user the number of desired gray-levels?

I hope this is clear. Any tips most appreciated.

Craig

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