
Subject: Re: IDL 8 image function
Posted by [sh](#) on Thu, 03 Feb 2011 08:28:26 GMT
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On Feb 2, 8:20 pm, Paulo Penteado <pp.pente...@gmail.com> wrote:
> On Feb 2, 3:35 pm, sh <sebastian.h...@gmail.com> wrote:
>
>> Ok this error message comes if RGB_TABLE is not specified within the
>> image()
>
>> Now the only problem left is to rescale the colorbar from 0 to 255 to
>> the dataspace
>
> I had a feeling I had done this before. As it turns out, I did:
>
> http://www.ppenteado.net/idl/pp_lib/doc/pp_colorbar_range.html
>
> It was written back in the days of the iTools, but it seems to work
> the same with Graphics.

Thanks!! I have already a workaround for this ;)

I create a hidden image with the MY max and min values, and then use the colorbar function on this hidden image "overlay".

```
ov_im=image([[minv,minv],[maxv,maxv]],/HIDE,/OVERPLOT)  
c = COLORBAR(TARGET=ov_im)
```

It works fine with an RGBA image in the beginning, which I have scaled myself with BYTSCL.

Unfortunately the colorbar uses always 256 colors/values, so when I want to use only index from 0 to 100, the rest is black.

I'm playing around now with the 'IDLgrPalette', maybe I can convince IDL to use only the number of colors specified there.
