
Subject: Re: Philosophical Scaling Question
Posted by [David Fanning](#) on Mon, 04 Dec 2006 20:43:03 GMT
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Brian Larsen writes:

```
>> LoadCT, 33
>> image = LoadData(7)
>> TVLCT, r, g, b, /GET
>> data = Scale_Vector(image, 1, 1000) ; Data in log scale.
>> pos = [0.1, 0.1, 0.9, 0.7]
>> TVImage, LogScl(data), Position=pos, /Keep, /Erase
>> index = Bindgen(256)
>>
>> TVLCT, r[LogScl(index)], g[LogScl(index)], b[LogScl(index)]
>> Colorbar, Range=[1,1000], XLOG=1, Divisions=3, $
>> Position=[pos[0], 0.87, pos[2], 0.93], Minor=5
>>
>
> Ah ha, this exactly what I wanted colorbar to do!! The reason I had
> never been able to get it done is that was a lot of work (and work I
> didn't know how to do), it seems like a flag to colorbar or tvlct or
> something that was /logscl would do the trick. Really the issue was my
> unfamiliarity with logscl, tvlct, and tvimage and how to put it all
> together.
```

Don't get too excited about this yet. It looks beautiful.
I'm just not sure it is correct. :-)

I'm trying to write an article about this, and I keep
running into complications. It is a lot more difficult
than I expected it to be.

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")
