
Subject: Re: Teaching an Elephant to Dance
Posted by [Mark Piper](#) on Tue, 13 Sep 2011 20:01:58 GMT
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On 9/12/2011 11:50 AM, David Fanning wrote:

>
> OK, now, you have this line of code with a comment:
>
> rgb_indices=bytsc1(indgen(4))) ; this is a bug in 8.1
>
> Can you explain what this particular bug is? Or, provide
> a reference? I've come to the conclusion that this keyword
> doesn't work "correctly," but I haven't yet figured out
> what is wrong with it.

In 8.0, NG CONTOUR would automatically interpolate the indices of the chosen color table, just like DG CONTOUR. This was broken in 8.1. The workaround (which I've used above) is to use RGB_INDICES to tell CONTOUR to interpolate the color table indices. This is CR 62414 & it's fixed in 8.2.

> [snip]
> be included in the contour levels? Is so, why doesn't this
> happen when you specify N_LEVELS?

I don't know! I don't use N_LEVELS because a really good IDL programmer (with initials DF) taught me long ago to always calculate my contour levels, a corollary of Dave Stern's maxim, "know your data."

:D <-- (that's a big smile)

mp
