
Subject: Re: Notable Coyote Program Updates
Posted by [David Fanning](#) on Mon, 29 Nov 2010 21:12:20 GMT
[View Forum Message](#) <> [Reply to Message](#)

Joe Zawodny writes:

> ... and I suppose combining the two with something like
>
> IDL> TVImage, image, NColors=12, Bottom=1, Color_Table=33
>
> would be asking for too much? I'm sure there is a good reason not to
> do this but, it is just an optional keyword after all.

It is not impossible to do, certainly. ScaleImage
in the Catalyst Library works like this, but there
an image is associated with colors and a coordinate
system, so it makes more sense to me.

I guess it is a philosophical thing. I believe in simple
tools for simple, everyday tasks. When I start thinking
for you, I become more like Microsoft Word than I really
care to be. TVImage doesn't really "know" about the image,
the way ScaleImage "knows" about the image. Because it is,
at heart a glorified TV command, TVIMAGE simply blasts pixels
onto the display.

I'd prefer to let you have some idea what you are doing
with color tables and let TVImage just feel like a smooth
plane in your hand. :-)

Cheers,

David

P.S. And, anyway, it is not just a COLOR_TABLE keyword.
It would have to be BREWER and REVERSE, too, to set up
colors the way I would like to set them up. :-)

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")
