Subject: Re: ION_IMAGE 8bit/24bit color
Posted by ddye on Wed, 11 Jun 2003 13:25:13 GMT
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Thanks David. I did glean from TVImage the "Color_Quan" function.

----------< snip >----------
The COLOR_QUAN function quantizes a TrueColor image and returns a pseudo-color image and palette to display the image on standard pseudo-color displays. The output image and palette can have from 2 to 256 colors.

COLOR_QUAN solves the general problem of accurately displaying decomposed, TrueColor images, that contain a palette of up to 224 colors, on pseudo-color displays that can only display 256 (or fewer) simultaneous colors.
----------< snip >----------

tv, Color_Quan(picC,1,R,G,B,COLORS=255)

This would seem to be the trick but the result looks poor compared to the truecolor image....

David W. Fanning <david@dfanning.com> wrote in message news:<MPG.1950152f3957eac9989682@news.frii.com>...
> Dan Dye writes:
>
>> I don't use the z graphics buffer much but I've been dropped into the
>> deep end by my temp ION license. I have an image, 'picC'
>>
>> picC=congrid(pic,3,400,400) ;where 3=[r,g,b]
>>
>> normally, I would tv this image:
>>
>> tv, picC, true=1
>>
>> but this returns only a small portion of the lower right corner of the
>> image with a strange interference pattern. I consulted the
>> Fanning/Lumley/RSI documentation and found that the z buffer doesn't
>> accept truecolor so I'm pretty amazed that I got anything plotted at
>> all.
>>
>> tv, picC[0,*,*]
>> gives me a nice pseudoColor of the first band and at the full size.
>>

>> How can I get this image tv'd as and rgb?
>
> If it were me, I'd be using TVImage or ImDisp, or
> one of those other programs you were reading about,
> since they all do this automatically. :-)
>
> Cheers,
>
> David
