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Subject: Re: New Image Processing Routines

Posted by [David Fanning](#) on Tue, 25 Apr 2006 13:19:09 GMT

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Marshall Perrin writes:

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> The scenario is this. I have a couple of images which I want to display
> with the same scaling, and then I also want to display a color bar.
> I want to ensure that all the images have precisely the same scaling,
> so I say
> minval = min(image1) < min(image2) < min(image3)
> maxval = min(image1) > min(image2) > min(image3)
>
> and then I can call
> tvimage,asinhsc1(image1,min=minval,max=maxval)
> tvimage,asinhsc1(image2,min=minval,max=maxval)
> tvimage,asinhsc1(image3,min=minval,max=maxval)
>
> However, this did *NOT* do what I expected. Pixels in the images which should
> have had the exact same output greyscale ended up having slightly different
> values.
```

Sigh... I had something else planned for this morning. :-(

Let me ask you a question, though, before I get started.  
In this scenario, do the original images have starting values  
between 0 and 1? Driving back from tennis last night I  
had a sudden dark thought that this could be the source of  
a problem I thought I saw the other day. This message  
casts an ominous pall on an already gloomy day here in Colorado.

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

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