Subject: Re: adjustimg brightness of an image Posted by Liam Gumley on Mon, 19 Oct 1998 07:00:00 GMT

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Anil Kochhar wrote:

- > Hi,
- > I am writing a program which scales images (i.e. images of galaxies),
- > adjusts their brightness and apparent distances, and then adds each image
- > to a final image, which in the end just comprises all of the images which
- > were added to it.
- > Many of the images on the final image appear very faint, and I was told
- > that one can use the tyscl command to adjust brightness by using the following
- > syntax: tvscl<Number1>Number2

[deleted information about problems with TVSCL]

In this case, you should use BYTSCL to convert your imagery to a scaled byte array. Here's an example

```
top = !d.table_size-1
data = dist(256)
bytimg = bytscl( data, top=top )
tv, bytimg
```

If you want to scale your image across a certain range (other than the min/max of your input array), use the MIN and MAX keywords, e.g.

```
bytimg = bytscl( data, top=top, min=10.0, max=100.0 ) tv, bytimg
```

For more information, see the online help for BYTSCL.

Cheers, Liam.

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