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Subject: Re: a question..

Posted by [R.Bauer](#) on Sat, 23 Aug 2003 17:15:06 GMT

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Alex Panton wrote:

> Hey have a probably very stupid, ignorant and totally dense question  
> but.. its driving me mad!  
>  
> Here goes,  
> If I have say an image of count values which I want to convert to  
> something say albedo. I have no equation just a table of values which  
> say that count 100 equals a value etc.. (I know there is somewhere here  
> I?m being dense!) So basically (!) how can get the image array to look  
> for its dn value in the first column of the table and then replace or  
> generate a new array with the new albedo values in.  
>  
> Anyone got any advice? Help? Wonderful pearls of wisdom?  
>  
> Thanks in advance  
>  
> alex

Dear Alex,

I am not sure if I understand right.

first I simulate a data image

```
IDL> z=bytsc1(dist(200))
IDL> help,z
Z          BYTE    = Array[200, 200]
IDL> window,0,xs=200,ys=200
IDL> tv,z
```

Would you like now to have set a column of some values to another one.  
e.g. all values less 50

```
IDL> ix=where(z[0,*] lt 50,count_ix)
IDL> if count_ix gt 0 then z[0,ix]=255b
```

```
IDL> window,1,xs=200,ys=200
IDL> tv,z
```

Did you like to do something like this?

Reimar

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email: R.Bauer@fz-juelich.de  
<http://www.fz-juelich.de/icg/icg-i/>

=====  
a IDL library at ForschungsZentrum Juelich  
[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_lib\\_intro.html](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html)

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