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Subject: Re: color pixel by index

Posted by [David Fanning](#) on Mon, 24 Sep 2007 20:09:27 GMT

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rpertaub@gmail.com writes:

- > i think this is a fairly easy problem to which i dunno the answer.
- > Here goes:
- >
- > I have 3 images, and used where function 3 times to find 3 specific
- > characterizations.
- > mask1=where(image ge thresh1)
- > mask2=where(image2 ge thresh2)
- > mask 3=where(image3 ge thresh3)
- >
- > Now I have 3 sets of indices of pixels of my interest.
- >
- > I want to use image 4 and color pixels indices 1 red, indices 2= blue,
- > indices 3=green.
- >
- > image[indices1]=red
- > image[indices2]=blue
- > image[indices3]=green
- >
- > How do I do that?

I would do it like this, since you may want to see the overlap in the indices:

```
s = Size(image, /Dimensions)
nelem = N_Elements(image)
image4 = BytArr(s[0], s[1], 3)
image4[mask1] = 255B
image4[mask3 + nelem] = 255B
image4[mask2 + (nelem*2)] = 255B
TV, image4, True=3
```

This presumes all three image used to construct the masks are the same size.

Cheers,

David

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

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