
Subject: Re: shifting individual pixels within an image

Posted by [Gray](#) on Mon, 03 May 2010 13:44:40 GMT

[View Forum Message](#) <> [Reply to Message](#)

On May 3, 3:56 am, barbis <tonimuusim...@gmail.com> wrote:

> Hello all,
>
> pleaseplease help me!
> Quite new on idl and just wondering is there a simple way to move
> individual pixels within an image?
>
> For example a function
>
> output = indishift(input, tx,ty)
>
> where input,tx and ty are same size arrays and e.g if in pixel
> location (30,30) tx has a value 5 and ty has a value 0, then output
> has the same value on (30,30) as the input image PLUS the pixel value
> from input image (35,30).
>
> So tx contains the shifts in x direction and ty in y direction.
>
> Thanks alot for any help!!!

Couldn't you just do something like:

```
s = size(input,/dimensions)
indx = rebin(indgen(s[0]),s[0],s[1],/sample)
indy = rebin(indgen(1,s[1]),s[0],s[1],/sample)
input2 = input + input[indx+tx,indy+ty]
```
