

---

Subject: Re: Integer Array into Binary Array  
Posted by [Spon](#) on Thu, 25 Jun 2009 17:48:24 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

On Jun 25, 6:32 pm, Vikram <vikramivat...@gmail.com> wrote:

> On Jun 25, 1:16 pm, David Fanning <n...@dfanning.com> wrote:

>

>

>

>> Vikram writes:

>>> I have made use of Dr. Fanning's BINARY.PRO and I have written

>>> something:

>

>>> img = read\_tiff('Resol\_Test2C.tiff')

>

>>> target = lonarr(4,1280,1024)

>

>>> bin = where(img gt 0.0)

>>> num = n\_elements(bin)

>>> target[bin] = img[bin]

>

>>> num = n\_elements(target)

>

>>> output = lonarr(4,5,5)

>

>>> test = [343,494]

>

>>> for x=0, n\_elements(test)-1 do begin

>>>   output[x] = binary(test[x],/color)

>>> endfor

>

>>> -----

>>> But if I do a print,output I can only get the binary for the 494, not

>>> both 343 and 494 in the same array. Any ideas?

>

>> BINARY produces string output. Maybe you want this:

>

>> IDL> test = [343,494]

>> IDL> print, test, format='(b24)'

>>       101010111

>>       111101110

>

>> Cheers,

>

>> David

>

>> --

>> David Fanning, Ph.D.

>> Fanning Software Consulting, Inc.  
>> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>  
>> Sepore ma de ni thui. ("Perhaps thou speakest truth.")  
>  
> Ok, that makes sense. Is there a way of saving this binary into an  
> array? Or is the only way just printing it to the screen?  
>  
> Thanks,  
> Vikram

Hi Vikram,

just use the 'string' function.

```
a=indgen(12)
b=string(a,format='(b024)')
print,transpose(b)
```

Have a look at the helpfile on format codes. I know I have to read it again every time I want to figure out which format code I need \*this\* time! :-)

Cheers,  
Chris

---