
Subject: Re: problem with writing a 2D image .tiff
Posted by [Vince Hradil](#) on Wed, 18 Apr 2007 14:07:34 GMT
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On Apr 18, 7:54 am, "aleks.fra...@gmail.com" <aleks.fra...@gmail.com> wrote:

> Hy
> My code reads a 2D tiff image and I create a colortable with 6 levels.
> It works fine, and I can visualize the result image, but I'm having a
> hard time trying to write the image to my computer.

>

> ;Code:

>
> ;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;

> image = read_tiff('myImagePath\myImage.tiff'))

>

> device, decompose = 0

>

> colorLevels = [[0 , 0 , 0], \$

> [0 , 0 , 255], \$

> [51 , 194, 255], \$

> [182, 255, 143], \$

> [255, 200, 0], \$

> [255, 0 , 0]]

>

> numOfLevel = CEIL(!D.TABLE_SIZE/6.)

> level = INDGEN(!D.TABLE_SIZE)/numOfLevel

>

> newRed = colorLevels[0, Nivel]

> newGreen = colorLevels[1, Nivel]

> newBlue = colorLevels[2, Nivel]

>

> TVLCT, newRed, newGreen, newBlue

>

> x = 900

> y = 600

>

> ;;Visualize result image

> image = CONGRID(image, x, y)

>

> WINDOW, 0, xSize = x, ySize = y

>

> TVSCL, image, /order

>

>
> ;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;

>

> This first part works fine. The problem is below, when I try to write
> the result image

>

```

> .....
> ;;;using write_tif
> .....
> ;;;
> ;;;_____TIF
> newRed = reform(newRed)
> newGreen = reform(newGreen)
> newBlue = reform(newBlue)
>
> Write_tiff, 'C:\IDL\tests\mytif.tif', image, $
>   RED=newred, GREEN=newgreen, BLUE=newblue
> .....
> ;;;I've also tried using write_Jpeg
> .....
> ;;;_____JPEG
> array = bytarr(3,x,y)
> array[0,*] = newred[image]
> array[1,*] = newgreen[image]
> array[2,*] = newblue[image]
>
> Write_jpeg, 'C:\IDL\tests\myimage.jpg', array, TRUE = 1
>
> .....
> ;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;
>
> Does anyone have any idea whats wrong? I'm sure its very easy problem
> to treat, but I'm stuck on this problem for 1 week.
>
> Thank you
> Aleksander

```

So what is "the problem"? What goes wrong?
