
Subject: Re: problem with writing a 2D image .tiff
Posted by [Vince Hradil](#) on Wed, 18 Apr 2007 13:52:06 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 happens? What's "the problem"?
