
Subject: problem with writing a 2D image .tiff
Posted by aleks.franca@gmail.co on Wed, 18 Apr 2007 12:54:23 GMT
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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 = INDEGEN(!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 what's wrong? I'm sure it's very easy problem to treat, but I'm stuck on this problem for 1 week.

Thank you
Aleksander
