
Subject: Re: problem with writing a 2D image .tiff

Posted by aleks.franca@gmail.com on Thu, 19 Apr 2007 01:03:36 GMT

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On 18 abr, 11:07, hradilv <hrad...@yahoo.com> wrote:

> 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?

```

I forgot to say that I can't visualize my image after I write it to disk using write_tiff or write_jpeg.
 Sorry.