
Subject: Re: problem with writing a 2D image .tiff
Posted by aleks.franca@gmail.co 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.
