
Subject: Re: 16 bit Tiff image

Posted by [Stefano Scardigli](#) on Thu, 28 Feb 2008 07:01:31 GMT

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On Wed, 27 Feb 2008 16:12:24 -0700, David Fanning wrote:

> Stefano Scardigli writes:

>

>> better, thanks:

>>

>> IDL> img=read_tiff("V13A5.00.tif",/unsigned)

>> IDL> help,img

>> IMG LONG = Array[1000, 1000]

>> IDL> print,max(img)

>> 65535

>> IDL> write_tiff,"prova.tiff",fix(img),/SHORT <-----

>> IDL> help,img

>> IMG LONG = Array[1000, 1000]

>> IDL> print,max(img)

>> 65535

>> IDL> img2=read_tiff("prova.tiff",/unsigned)

>> IDL> help,img2

>> IMG2 LONG = Array[1000, 1000]

>> IDL> print,max(img2)

>> 255

>>

>> and now both img and img2 are LONG, but the reloaded img2 is still shrunk
>> to 255 levels (ie 8 bit)!

>

> I still don't think so. Are you being *very*

> careful with your variables? You might try using

> a .reset after you write the file and before you

> read it again. I think it is not possible to get

> what you are getting. :-)

>

> Cheers,

>

> David

I'm very careful with my variables, and all the "code" I'm using is just
this:

```
img=read_tiff("V13A5.00.tif",/unsigned)
```

```
help,img
```

```
print,max(img)
```

```
write_tiff,"prova.tiff",fix(img),/LONG
```

```
help,img
```

```
print,max(img)
```

```
img2=read_tiff("prova.tiff",/unsigned)  
help,img2  
print,max(img2)
```
