
Subject: Re: 16 bit Tiff image

Posted by [Stefano Scardigli](#) on Wed, 27 Feb 2008 23:03:16 GMT

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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)!

Stefano Scardigli

On Wed, 27 Feb 2008 14:01:12 -0700, Jean H wrote:

```
> Stefano Scardigli wrote:
>> nothing is changed
>>
>> 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",img,/SHORT
>> IDL> print,max(img)
>> 255
>> IDL> help,img
>> IMG          BYTE      = Array[1000, 1000]
>
> img is a long and you try to save it as an integer... have you tried
>
> write_tiff,"prova.tiff",fix(img),/SHORT
```

```
> or  
> write_tiff,"prova.tiff",img,/LONG  
> ?  
>  
> Jean
```
