
Subject: Re: 16 bit Tiff image

Posted by [Stefano Scardigli](#) on Wed, 27 Feb 2008 20:32:01 GMT

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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]
```

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

```
> Stefano Scardigli writes:
>
>> I'm new in using IDL and I'm using an old version too.
>> I have a strange problem in writing 16 bit TIFF files
>>
>> this is the dump of my problem (I omitted the unuseful rows):
>>
>> IDL Version 5.1 (OSF alpha). Research Systems, Inc.
>> 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
>> IDL> print,max(img)
>>  255
>> IDL> img2=read_tiff("prova.tiff",/unsigned)
>> IDL> print,max(img2)
>>  255
>> IDL> help,img
>> IMG      BYTE    = Array[1000, 1000]
>> IDL> help,img2
>> IMG2     BYTE    = Array[1000, 1000]
>> IDL>
>>
>> as you can see the file prova.tiff is a 8 bit image and also the array img
>> is changed from LONG to BYTE. I tried all the parameter of the write_tiff
>> procedure, but nothing change
>
```

> I think you forgot the SHORT keyword here:
>
> IDL> write_tiff,"prova.tiff",img
>
> This should be:
>
> IDL> write_tiff,"prova.tiff",img, /SHORT
>
> Cheers,
>
> David
