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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

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