
Subject: Re: 16 bit Tiff image

Posted by [David Fanning](#) on Wed, 27 Feb 2008 19:12:16 GMT

[View Forum Message](#) <> [Reply to Message](#)

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

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

