
Subject: 16 bit Tiff image

Posted by [Stefano Scardigli](#) on Wed, 27 Feb 2008 18:51:17 GMT

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Hi all,

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

many thanks to who will help me

Stefano Scardigli
