
Subject: Re: 16 bit Tiff image

Posted by [Stefano Scardigli](#) on Fri, 29 Feb 2008 07:34:48 GMT

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what a mess =:-O

I'm on IDL 5.1 and I'm working on a remote server via ssh.

I haven't QUERY_TIFF

I haven't SWAP_ENDIAN_INPLACE

the images I'm dealing with are about 24 Mb each and they seem fine.
I'm thinking about some problem with multiband image (what is thinking
IDL) and the monocromatic mine.

I'm thinking to give up to this IDL.

I spent a lot of time in compiling GDL and all the other stuff it
requires. But I'm still not sure it is working fine.

Any idea?

Thanks to all

Stefano Scardigli

On Wed, 27 Feb 2008 16:12:24 -0700, David Fanning wrote:

> Stefano Scardigli writes:

>

>> 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)!
>
> I still don't think so. Are you being *very*
> careful with your variables? You might try using
> a .reset after you write the file and before you
> read it again. I think it is not possible to get
> what you are getting. :-)
>
> Cheers,
>
> David
