
Subject: Re: write_tiff integer format

Posted by edward.s.meinel@aero on Fri, 12 Sep 2008 15:40:28 GMT

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On Sep 11, 12:05 pm, Jean H <jghas...@DELTHIS.ucalgary.ANDTHIS.ca> wrote:

> Geo logo wrote:

>> I am a newcomer of IDL, when I try use write_tiff to write a integer

>> type tiff, the result always wrong.

>

>> input = intarr(1000,1000)

>> write_tiff, 'outimag.tif' , input

>

>> the result would be a byte type tiff file, and when I use

>

>> write_tiff, 'outimag.tif' , input,/short, result will be unsigned

>> int

>

>> write_tiff, 'outimag.tif' , input,/long, result will be long integer.

>

>> could somebody help me about how to output a integer type tiff file.

>> Thanks

>

> well, from the help file is seems to be impossible.

> If you have negative values, you might want to save as float..

>

> Jean

Aw, you guys give up too easily. Hey, Rocky, watch me pull a rabbit out of my hat. Nuthin' up my sleeve:

```
image = FIX(READ_TIFF(file_name))
```

Presto!

Similarly, David asks:

> The more relevant question might be, given that life totally

> sucks, how does one convert back and forth between signed

> and unsigned integers?

Try this --

```
x = INTARR(3)
```

```
x = [-5, 0, 5]
```

```
PRINT, x, UINT(x), FIX(UINT(x))
```

Ed "Bullwinkle" Meinel
