
Subject: WRITE_TIFF

Posted by [gurman](#) on Mon, 29 Mar 1999 08:00:00 GMT

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Hi -

Today for the first time, I had the occasion to write some files in TIFF format using the WRITE_TIFF procedure on an OpenVMS system with IDL 5.2.

I use the instruction:

```
IDL> write_tiff, file + strmid(strtrim(10000 + i, 2), 1, 4), b0, 0, red =  
r, green = g, blue = b
```

(that is, I explicitly tell write_tiff to assume the order is "0").

Then, on the same system, I try:

```
IDL> c = read_tiff('file.0957', r, g, b, order = order) & print, order
```

The result I get is "4," not "0."

If I were only using IDL, I would not be concerned, but when I try reading the same file on a Mac using Adobe Photoshop 5.0.2, I get an inverted (top to bottom) image.

To confuse myself yet further, I decided to try to write the same image with an order paramater of "1." Once again, the order was read correctly with READ_TIFF, but once again, the image on the Mac was inverted.

Any advice?

Thanks,

Joe Gurman

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