
Subject: Re: jpegs and tiffs

Posted by [David Fanning](#) on Tue, 25 Dec 2007 02:36:46 GMT

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Josh writes:

> The following program is supposed to write two sine waves, a blue one
> and a black one, to two different files. However, on my system, the
> jpeg ends up with two black sine waves, whereas the tiff (as well as
> the window on the screen) end up with a blue one and a black one as
> desired. Any thoughts? Code is taken from Gumley, but with many
> changes.

Well, I don't think there are *really* two black sine waves in the JPEG file. I think one of them is very dark blue and the other is black. But, you are right, it is not as blue as it is in the TIFF file. I think this is probably because of the "lossy" nature of JPEG files. I would try setting the QUALITY keyword on the WRITE_JPEG command to 100 and see if that doesn't help some.

In any case, if you choose a RED color, you will see that you are getting differences in your two lines. :-)

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
