## Subject: [Q] writing color JPEGS Posted by savoie on Tue, 22 Oct 1996 07:00:00 GMT

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Hi, I'm having a slight problem writing Color JPEGS in IDL. I looked at the FAQ, but it doesn't have any direct examples.

I'm running IDL. Version 4.0.1 (sunos sparc).

Here's a sample program that I ran to generate gif and jpeg output. The problem is that the only reasonable jpeg I can generate is when I don't use the TRUE keyword, but that only seems to generate grey images.

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Does anyone out there know what I'm doing wrong? Can you send me an example
that works?
:------8<-----8<-----8<-----8<-----
PRO dumper
;;; creates a pretty mess for jpegs.
 ;; load rainbow
 loadct, 13
 tvlct, r, g, b, /get
 tvlct, r, g, b
 ;; set up a picture, window, byte scale the data and display in window
 data = dist(400,400)
 window, /free, xs=400, ys=400
 data = bytscl(data, top=!d.n_colors)
 tv. data
 ;; do different types of read from the window
 jpg0 = tvrd()
 jpg1 = tvrd(true=1)
 ipq2 = tvrd(true=2)
 jpg3 = tvrd(true=3)
 imggif = tvrd()
 ;; write the functions.
 write_jpeg, 'test0.jpg', jpg0, quality=100
 write_jpeg, 'test1.jpg', jpg1, quality=100, TRUE=1
 write_jpeg, 'test2.jpg', jpg2, quality=100, TRUE=2
 write_jpeg, 'test3.jpg', jpg3, quality=100, TRUE=3
 write_gif, 'test.gif', imggif, r, g, b
```

**END** 

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The outputs of this program can be viewed here: <a href="http://rintintin.colorado.edu/~savoie/">http://rintintin.colorado.edu/~savoie/</a>

Thanks in Advance,

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Matthew H. Savoie Systems Analyst ph. 303.497.6642 Systems Technology Association
Supporting NOAA Profilier Network
Demonstration Division/FSL/ERL

mailto: savoie@fsl.noaa.gov http://www-dd.fsl.noaa.gov/online.html