Subject: jpegs and tiffs
Posted by Josh on Tue, 25 Dec 2007 01:33:04 GMT

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.

```
PRO TEST

black = '000000'XL
white = 'FFFFFF'XL
blue = 'FF0000'XL

device, decomposed=1

plot, sin(findgen(200) * 0.1), color = black, background = white
oplot, sin(findgen(200) * 0.1 + 0.2), color = blue
image = tvrd(true=1)
write_jpeg, 'out.jpg', image, true=1
write_tiff, 'out.tif', reverse(image, 3), 1

END
```