Subject: read/writing tiff files Posted by alex_panton on Sat, 28 Jun 2003 10:41:52 GMT View Forum Message <> Reply to Message

ok, this is probably a really simple question but having decided that having 500+ images to process I needed to do some idl programming! What i want to do is really simple - but as with all things and computers simple rapidly progresses to the impossible :)

Here's what I want to do:

I have a directory on my computer with all my images, - tiff files in, I want to read them into an array - I can do this bit, apply my processing steps (having trouble with that!), then write the output as a tiff or jpg file.

I have managed to do this to a fashion but it writes blank files very useful!

my code so far... stuff = ('f:\ftp_web_root\Recent\hawaii\GOES_9\all') store = ('d:\goes\hawaii') cd, stuff files=file_search('*.tiff', COUNT=numFiles);searches for the tiff files: x=0while(x le numFiles-1) do begin ; while loop so i do every image in the directory; cd.stuff input=read tiff(files(x)); reads the tiff file into array; dimensions=size(input, /dimensions) print, dimensions ;prints image dimensions;

;input=(330-(0.5*input)); ;this is the processing i want to apply though i know its not as simple as that but thats for next week!) outname=input+'bt'; output file name; cd. store openw,1, outname ;opens a file with outname filename; write tiff,input; writes a tiff file of input array close,1 free_lun,1 x=x+1 ; loops round to next image; endwhile end

When i run this it stops at the openw command with a type conversion error: Unable to convert given STRING to Byte.

If anyone can give me some advice on what i am doing wrong or where i can read some helpful tips (i have read most of the online sites posted here)

Thanks in advance kind regards

alex