Subject: Re: read/writing tiff files
Posted by R.Bauer on Sat, 28 Jun 2003 11:28:19 GMT
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Alexandra Panton wrote:

> 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...

Dear Alexandra,

there are a lot of tips available at Davids page
www.dfanning.com

Here in short how I would do this:

```
stuff = 'f:\ftp_web_root\Recent\hawaii\GOES_9\all'
file=file_search(stuff,'*.tif',COUNT=n)
for i=0L,n-1 do begin
 result=query_image(file[i],info)
 print,info.dimensions
 help,info,/str
 img=read_image(files[i],red,green,blue)
 img=(330-(0.5*img))
  write_image,'d:\goes\hawaii\changed_'+files[i],'TIFF',red,gr een,blue
endfor
```

You should have a look at the info structure of the query function.
I don't know in which way your images are color coded. I would suggest to
read the tips on Davids page regarding color problems too.

best regards

Reimar

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