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Subject: Re: JPEG image help - Easy for people who understand IDL?!

Posted by [David Fanning](#) on Thu, 06 Dec 2012 22:26:31 GMT

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Rebecca C writes:

> I'm not really sure what this group is for but I'm hoping someone who understands IDL can see this and help me! Thanks in advance for reading on :)

You are in the right place to learn something about IDL, but we don't do homework here. (Most of us have had our fill of it in previous lives.)

> So, I'm in "Intro to IDL" class, and understand mostly nothing.

Oh, oh. There are some pretty good books available. You might want to see if you can find one in the library. I would recommend Ken Bowman's book as a really good place to start:

[http://www.idlcoyote.com/documents/book\\_recommendations.html](http://www.idlcoyote.com/documents/book_recommendations.html)

> We are given two files, one "ocean.jpg" and the other "sky.jpg". The question is to merge the two jpegs so one is on top, and the other on bottom, and to save this jpg.

>

> Here is the procedure I have:

>

>     PRO jpghomework

>

>     file='sky.jpg'

>     read\_JPEG,file,sky

>

>     file2='ocean.jpg'

>     read\_JPEG,file2,ocean

>

>     tv,sky,true=1

>     tv,ocean,true=1

>

>     end

>

> I have been trying to read and figure this out for two days, and it is due soon. Our professor is nonexistent (unreachable, no course material etc) so please think of this as I'm just a person who knows nothing about IDL, has Google, and the IDL workstation in front of me to try things out.

Well, maybe you will get a C for effort, anyway. Here is what I do. I would open up the IDL on-line help:

IDL> ?

And I would study the keywords for the Window, Size, and TVRD commands, and, of course, the TV command. Do this for 10-15 minutes and see if a specific question occurs to you. If it does, get back to us and we'll see how it goes. We are very good at answering specific questions. :-)

Most of your questions, by the way, can be found by perusing this web page:

<http://www.idlcoyote.com>

Especially, the Programming Tips section:

<http://www.idlcoyote.com/documents/tips.php>

Cheers,

David

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

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

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