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Subject: Re: compile a routine wich include a commun  
Posted by [L. Testut](#) on Sun, 22 Jan 2006 20:13:13 GMT  
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Dear David,

I must explain you a bit more what I want to do.

I want to build an application which is able to treat the data of 4 satellites (I want my routine to be satellite independant). For the moment I'm just concerned with the reading of the data (the first step of my application). Data of each satellite is stored in a different directory that contain a certain number of binary files + an ASCII file (info\_file.txt) containing information on how to read the binary files.

Then I've wrote a program (create\_common.pro) that decode the info\_file.txt and create an ASCII file : "common\_base.pro" (a kind of batch file) with all the information I need to read the binary files + the coordinates of the point, + the names of all the parameters, and so on... (I define 3 common on my batch file common\_base.pro)

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common\_base.pro

common info\_base, para1, para2, ect....

common info\_head, head1, head2, ...

common info\_point, point1, point2,...

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I have written differents routine to decode the data, defined a sructures, plot the data... But many of them need one of the common to work.

for example:

PRO convert\_binary\_files, my\_file, ...

COMMON info\_head

....

END

So when I work with the IDL command line there no problem, because I first compile and execute the create\_commo.pro, this operation create the file common\_base.pro (that defined the different common I need for the other program). Then I load this common\_base.pro (@common\_base) and then from this point I can compile and execute all my other programs.

BUT..the problem arise when I try to put all this routines in a project because I can't compile all the files because in these case the common\_base.pro has been created yet !

I think the best solution is probably to avoid the use of common, but I don't see exactly how to do that as simply as with the use of common ?

Cheers,

L. Testut

PS: I've bought your book this month, and I really enjoy to read it,  
but my wife thinks it's a bit strange to read a programming book in my  
bed before to sleep !

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