
Subject: Re: HELP: Multiple-file Applications
Posted by [hahn](#) on Tue, 06 Dec 1994 21:00:51 GMT
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In article <3c04j4\$pap@canopus.cc.umanitoba.ca> djackson@ibd.nrc.ca (Dick Jackson) writes:

> From: djackson@ibd.nrc.ca (Dick Jackson)
> Subject: Re: HELP: Multiple-file Applications
> Date: 5 Dec 1994 22:35:16 GMT

>> Problems:

>> - I don't see any way for an IDL routine to cause a file to be compiled
>> (e.g. OK = EXECUTE(".RUN foo.pro") does not work)

> Just to clarify, I want the compilation to be done somewhere at
> run-time, say when a user selects a given menu item. Note that the '@'
> command to include a file doesn't do this, it just includes another
> file as part of the current file.

> -Dick

> Dick Jackson djackson@ibd.nrc.ca Institute for Biodiagnostics
> Opinions are mine alone. National Research Council Canada, Winnipeg

I played a little with CALL_PROCEDURE and it seems to do what you like.

I wrote

```
sub = 'fader'  
and typed  
call_procedure, sub, out=0.25
```

and noticed that fader.pro was found in the search path, compiled and
executed.

Note that IDL only compiles those procedure that haven't been compiled
before in this session

and

that IDL only compiles the file including all procedure contained there
until it has reached the END statement of the procedure requested.

Thus, if you have nested procedures, it is best to put the outermost
procedure (that's the one you call explicitly) at the end of the file.

One exception to this: .run always compiles the entire file.

Hope this helps
Norbert Hahn
