Subject: Re: Linking multiple files... Posted by David Fanning on Tue, 23 Jul 2002 00:20:16 GMT View Forum Message <> Reply to Message

Bob (squad@hotmail.com) writes:

- > Hey everyone... maybe I'm just really dumb, but for some reason I
- > can't get IDL to properly link several files together. What I mean by
- > link is the following:

>

- --- In one file, I have a function called "FINDROOTS" which finds the
- roots of a quadratic equation (Function FindRoots, a, b, c).

>

- --- In one file I have a procedure "PRINT\_TO\_FILE", which calls
- > FindRoots with a very short list of different a's and b's and c's, and
- > then outputs it to a text file.

>

- > I open both of these files up in IDL and tell it to "Compile All". In
- > the event log it says:

- > % Compiled module: FINDROOTS
- > % Compiled module: PRINT TO FILE

>

- > So, I run the procedure PRINT\_TO\_FILE. I immediately get the following
- > error:
- % Variable is undefined: FINDROOTS

>

- > The strange thing is that if I recompile both yet again (without any
- > changes), the error goes away and everything is fine. However, this is
- > incredibly annoying. Also, my problem isn't \*this simple\*, and this
- > happens again and again and again ......

>

> Any help would be greatly appreciated.

Put FINDROOTS in a file named "findroots.pro". Put PRINT TO FILE in a file named "print to file.pro". Make sure both of those modules are the \*last\* module in their respective files. Put the files somewhere in your !PATH.

Now you don't have to compile anything and everything will magically "work". :-)

Cheers,

David

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