Subject: Re: functions considered as variables
Posted by dirk on Wed, 11 Mar 1998 08:00:00 GMT
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In article <3500B36D.A8@mail.arc.nasa.gov>,
Selwyn Yee <syee@mail.arc.nasa.gov> wrote:
> I've seen this before. It happens when, in your .pro file, you are
> trying to call a function which has not yet been compiled. Either the
> function is in a
> different module, or is in the same .pro file, but below your calling
> statement.
> Because IDL is an interpretive language, it executes and/or compiles the
> code in your .pro file from top to bottom. Your function call:
[snip]
>
> The solution is to use the forward_function command in IDL. The syntax
> is:
>
>   forward_function function1, function2, ...
>

Had this problem just the other day.

The other (and coding free) solution is to just compile your driver
function twice. On the first pass, it will misinterpret the information
in the driver, but on the second pass, the support functions will be
interpretted properly as functions (instead of arrays).

I'm not sure if this will work if you have very intricate among your
support functions.

but IDL> .run foo.pro
     IDL> .run foo.pro

will work for the simple things.

- Dirk