
Subject: Re: Listing called functions in .pro file
Posted by [davidf](#) on Tue, 12 Nov 1996 08:00:00 GMT
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MICHEL KRUGLANSKI <M.Kruglanski@oma.be> writes:

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> The RESOLVE_ALL code does not resolve every thing.  
> For instance, it does not work correctly when you make  
> use of MAP_GRID. The MAP_GRID procedure does not exist;  
> it is "created" by MAP_SET (see below)  
>  
> IDL> map_grid  
> % Attempt to call undefined procedure/function: 'MAP_GRID'.  
> % Execution halted at: $MAIN$  
> IDL> map_set  
> IDL> map_grid
```

Well "created" is not really the right word, I don't think.
MAP_GRID is a program module in the MAP_SET code.
This suggests to me that MAP_GRID was originally a
utility routine for MAP_SET that became a little more
useful than the author of the MAP_SET program originally
intended.

When utility routines become more generally useful like this
they are usually taken out of the original program and put
into a file of their own. In this case, the MAP_GRID code
should be taken out of map_set.pro and put into a file
named map_grid.pro. Then it could still be used by
MAP_SET *and* it could be used by any other program
that wanted to use it. (Including typing its name at
the IDL command line.)

More important for this discussion, it could then be
found by programs like RESOLVE_ALL using the
normal rules for automatic compilation that IDL uses.

Since the MAP_SET code is available to you in the IDL
library, you can do what the original author should have
done, and take the MAP_GRID portion out.

David

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* Sometimes I go about pitying myself, and all along my
* soul is being blown by great winds across the sky.
* -- Ojibway saying
