Subject: Re: Listing called functions in .pro file Posted by Peter Mason on Mon, 18 Nov 1996 08:00:00 GMT View Forum Message <> Reply to Message

On Tue, 12 Nov 1996, David Fanning wrote:

> MICHEL KRUGLANSKI < M.Kruglanski@oma.be> writes:

(...RESOLVE_ALL doesn't resolve procedures/functions which are in source files containing more than 1 routine and which don't have the same name as the source file.)

I've hacked RESOLVE ALL so that it will work for some of these cases.

It will be slower than the original, but more persistent.

Anyone interested may pick up a copy from our anon FTP site:

Server: demsyd.syd.dem.csiro.au (130.155.34.2)

Subdir: pub/mmtg/idl

File: resolve_evenmore.pro

Briefly, RESOLVE_EVENMORE does not crash when it tries to compile a routine which calls another routine which can't be found - it puts the failed-to-compile routine's name on a "bad list" and carries on. It retries any failed routines in later passes.

This sort of problem is commonly due to a reference to some utility/support routine in a file containing routines specific to some module, or in a "library file" of routines. (I quite favour this style of organising routines (along with using "forward_function"), which is why I modified RESOLVE_ALL. Purists kindly avert your gazes.)

Usually a module's "main" procedure or a library's "stub" procedure (at the end of the file, and with the same name as the file) is referred to sooner or later, at which point the whole file gets compiled. The routines which failed to compile earlier now stand a better chance of being compiled.

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"It never hurts to help. Well, not normally." - Eek the cat.