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Subject: check for duplicate routine names?

Posted by [Michael Asten](#) on Fri, 19 Jan 2001 07:56:48 GMT

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It is a stupid error to have a two routines of the same name  
DoitNow.pro , in two different library files MyLib1.pro and MyLib2.pro

.  
But your correspondent is sometimes stupid. The consequence of course is that the second compilation (of MyLib2.pro ) over-rides the first (of MyLib1.pro) , so whatever was intended by maintenance of the code in MyLib1.pro does not execute. Or worse, when the two libs are compiled in different sequences, results become unpredictable.

IDL does not appear to give any warning of the compilation of a routine of same name as one already compiled. Has anyone any ideas on how such errors can be trapped ?

I suggest that at least in an IDL Project, the command "Compile all routines" should include such checking as a debugging tool. Or am I merely shifting blame for my stupidity onto the compiler? (you know how it is when you bang your head the second time, on the same kitchen cupboard door?).

Regards,  
Michael Asten

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