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Subject: compilation of subroutines without resetting calling sequence

Posted by [MarioIncandenza](#) on Mon, 05 Jul 2010 18:43:17 GMT

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OK, compiled procedure 'A' calls function 'B', but spends most of its time in functions 'C-Z'.

Function 'B' has a math error somewhere, which I am trying various things to get rid of. By setting !EXCEPT=2, I have lots of information on where the screwup is occurring.

Once I get the spew from !EXCEPT=2, I manually interrupt the program, which is at that point working through functions 'C-Z'. I make changes to subroutine 'B', recompile it, and then '.continue' to see if the changes worked next time through subroutine 'B'.

Except that doesn't work. '.compile' returns no exception, and '.continue' works like one expects, but it won't actually recompile the routine.

So, evidently it's the top-level routine that must be recompiled in order to get changes to subroutines into effect, but if someone wants to provide a more coherent explanation of what IDL is doing here, I'd love to hear it.

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