
Subject: Re: Compile Problem with IDL5.2
Posted by [davidf](#) on Wed, 21 Jul 1999 07:00:00 GMT
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Joerg Mosthaf (joerg.mosthaf@urz.uni-heidelberg.de) writes:

> I got a little problem with compiling programmes in IDL5.2. Usually everything
> works just fine, but sometimes (about 1 in 5) some procedure or function just
> doesn't compile and I get an "undefined variablename"-error with the name of
> the procedure as undefined variablename. If I compile the programm again after
> the error, it usually runs fine.
> All my procedures are in one file and the main procedure is the last one.

This is a classic symptom of a function being called before it is compiled, so I am dubious about your statement that all the procedures and functions are in a single file, with the main procedure as the last one.

I presume you know that any procedure or function in front of the last module should be utility routines for the last module? That is to say, one way this could be happening (the "1 in 5" strongly suggests it) is that you have a function in the "main" file that you are calling from within some other program. If that function gets called before the main program is called, then you will get this error.

If this is the case, then you want to take that function module out and put it in its own file. That way both programs will be able to use it without running into this problem.

Cheers,

David

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