
Subject: Re: "Program Code area full" error message
Posted by [David Fanning](#) on Wed, 26 Jun 2002 15:00:02 GMT
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Asti Bhatt (astib@cc.usu.edu) writes:

> Can anybody tell me, when "Program Code area full" error message
> comes, and what one can do to cure it ? I am NOT using "EXECUTE"
> function in my code. Also I cannot use .SIZE as it has become obsolete
> in IDL 5 onwards. Doesn't this mean that one should never get "Program
> Code area full" or "Program data area full" error messages ?

There is an area of IDL memory set aside to compile IDL programs. This is the "program code area" (I think). In any case, you usually see this error message when you are working with really poorly written code (usually a colleague's). :-)

Actually, you usually see it when you are working with huge IDL main-level programs, rather than the more normal procedures and functions. The work-around, of course, is to write procedures and functions like you are suppose to and get away from huge journal-type scripts.

I'm not surprised things work better when you compile the main-level program and then run it with .GO. The compiler probably can re-size the program code area dynamically.

And, by the way, that "RUN" button on the IDLDE probably confuses more people than helps. I truly don't know what it can be used for, other than to run IDL procedures that don't require any arguments. I usually point people away from it.

Cheers,

David

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