
Subject: Re: question: programm code area full
Posted by [davidf](#) on Tue, 02 Sep 1997 07:00:00 GMT
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Christoph Arndt writes:

- > I am currently working with IDL 3.6 and Windows95 with my Pentium.
- > Using the same files under IDL 5.0, WindowsNT on a DEC alpha-Workstation
- > leads to the error:'programm code area full', even though I reduced the
- > size of the fields.
- > Does anybody have an idea how to solve this problem, or what the reason
- > for this error is??

Typically, this error results from poor programming practices. For example, the user has one huge main program, or their large application is in a single program module rather than in many smaller, self-contained modules. Sometimes it comes from trying to create a variable inside a program module that has crashed. (Are you certain that **all** of your program modules compiled when you moved your code to the Alpha? Are you certain that you know about run-time errors? For example, you don't have !Quiet set to 1, or a silent CATCH do you? I've seen all of these things give this error.)

In versions of IDL prior to IDL 5, the code area could be increased with the .SIZE executive command. This command was suppose to be obsolete with IDL 5, because the allocation of more code area memory to accommodate larger (and often bad) programs was to be allocated dynamically, when the memory was needed.

I've heard rumors of other strange things happening on the Windows NT version of DEC Alphas, so I wonder if this dynamic allocation process is working the way it is suppose to work.

I guess if it were me, I would check to make sure I was writing my programs in as modular a fashion as possible and that everything compiles on the Alpha. If I still couldn't get it to work, I'd contact RSI or Creaso and see if they know more about what the problem could be.

Cheers,

David

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