
Subject: question: programm code area full

Posted by [Christoph Arndt](#) on Tue, 02 Sep 1997 07:00:00 GMT

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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??

Thanks in advance
Christoph

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:

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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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