
Subject: Re: Is there any progress about memory management in IDL?

Posted by [Jean H.](#) on Fri, 08 May 2009 21:30:05 GMT

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chenbo09@gmail.com wrote:

> Hi all,
>
> "Unable to allocate memory: to make array" frustrated a lot of
> people and was discussed a little bit in the past a few years, but
> there seems to be no very explicit solution. Is there anyone who
> knows progress regarding these issue?
>
> Bo

this is not so much software related...

1) use IDL under Linux or windows 64 bits (both remove the limit of 2gb max per process, and you have less/no "random RAM location" in use, meaning bigger chunk of contiguous memory)

2) break your work in chunks... don't create 1 big array, but 2 small ones etc. I often use a function that finds the available memory, and, depending on the memory I will use in my own function, I decide what it the max size of the array.

Jean

Subject: Re: Is there any progress about memory management in IDL?

Posted by [David Fanning](#) on Fri, 08 May 2009 21:49:33 GMT

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chenbo09@gmail.com writes:

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I think everyone now believes the answer is a 64-bit operating system and fervent prayer that you can somehow get your software working on it. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Subject: Re: Is there any progress about memory management in IDL?

Posted by [R.G. Stockwell](#) on Sat, 09 May 2009 21:35:11 GMT

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<chenbo09@gmail.com> wrote in message

news:312cedff-35a0-474e-b346-6df70bfb8631@z5g2000vba.googlegr oups.com...

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no. (per IDL)

yes. (per current computers and OSes)

I struggled with it quite a bit, and there is nothing
like a 64 bit OS with 16gb of ram to suddenly turn
the "unable to allocate memory" problem get filed
with "what if I am on dialup and call waiting comes in".

cheers,
bob

PS in fairness, i think it is a OS problem, not an IDL
problem, in most cases.

Subject: Re: Is there any progress about memory management in IDL?

Posted by [R.Bauer](#) on Mon, 11 May 2009 12:18:54 GMT

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R.G. Stockwell schrieb:

> <chenbo09@gmail.com> wrote in message

> news:312cedff-35a0-474e-b346-6df70bfb8631@z5g2000vba.googlegr oups.com...

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>

PS in more fairness it is a user problem. The user chooses the OS and not the OS the user :)

Subject: Re: Is there any progress about memory management in IDL?

Posted by [pgrigis](#) on Tue, 12 May 2009 22:02:05 GMT

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On May 11, 8:18 am, Reimar Bauer <R.Ba...@fz-juelich.de> wrote:

> R.G. Stockwell schrieb:
>
>
>
>> <chenb...@gmail.com> wrote in message
>> news:312cedff-35a0-474e-b346-6df70bfb8631@z5g2000vba.googlegroups.com...
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> PS in more fairness it is a user problem. The user chooses the OS and
> not the OS the user :)

No, the organization or company that the user works for mostly does :)

Ciao,
Paolo
