
Subject: Re: insufficient system resources
Posted by [David Fanning](#) on Fri, 14 Sep 2007 11:56:06 GMT
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mdoubkova@gmail.com writes:

- > recently I experienced problem while reading binary files in IDL.
- > Program crashes with error: "insufficient system resources" while its
- > evident that there is enough memory available and there is no storage
- > problem. I do not think this has anything to do with our code.
- >
- > Any suggestions?

This sounds like classic assumption error to me. I'd test them all. :-)

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: insufficient system resources
Posted by [Jean H.](#) on Fri, 14 Sep 2007 15:31:04 GMT
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mdoubkova@gmail.com wrote:

- > Hey everybody,
- >
- > recently I experienced problem while reading binary files in IDL.
- > Program crashes with error: "insufficient system resources" while its
- > evident that there is enough memory available and there is no storage
- > problem. I do not think this has anything to do with our code.
- >
- > Any suggestions?
- >
- > thanks,
- > Marcela

Marcela,

If you are under windows, there is a big difference between "total available memory" and "memory available for ONE variable"... see the 'memtest.pro' procedure from ITTVIS to find out!

Jean

Subject: Re: insufficient system resources
Posted by [Jim Brown](#) on Fri, 14 Sep 2007 20:54:18 GMT
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I had a problem reading a multi-megabyte bitmap file once (not in IDL) and got the windows error:

failed with error 8: Not enough storage is available to process this command.

I had plenty of memory and disk space, so I had to dig to find the answer. It seems that the load was using kernel memory instead of user memory for efficiency reasons. I had to modify the load function and everything worked fine.

Write to me if your problem turns out not to be an IDL problem and I'll try to help you.

-Jim Brown
