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Subject: Re: What are the memory limitations of 64-bit IDL?

Posted by [Foldy Lajos](#) on Fri, 13 Feb 2009 18:50:43 GMT

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On Fri, 13 Feb 2009, Ed Hyer wrote:

- > So, I just got the operating system on my 4-year-old 64-bit machine
- > upgraded to 64-bit Fedora, and am basking in the joys of 64-bit IDL.
- > However, I have found:
- >
- > 1) It is still possible to get the dreaded "cannot allocate memory"
- > error;

Yes, the limit is virtual memory size (ulimit -v). You can add more swap space.

- > 2) MEMTEST.PRO, my trusted advisor for years, produces nonsense
- > results in 64-bit IDL.

There is a bug in memtest.pro, it uses LONG instead of LONG64.  
(I don't have the source code, but it is easy to fix it.)

regards,  
lajos

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