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Subject: Re: IDL memory limitation?

Posted by [IDLmastertobe](#) on Fri, 16 Sep 2005 21:18:09 GMT

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Thank you everyone, here is my test result from memtest:

Memory block # 1: 569 Mb (total: 569 Mb)  
Memory block # 2: 382 Mb (total: 951 Mb)  
Memory block # 3: 196 Mb (total: 1147 Mb)  
Memory block # 4: 183 Mb (total: 1330 Mb)  
Memory block # 5: 128 Mb (total: 1458 Mb)  
Memory block # 6: 88 Mb (total: 1546 Mb)  
Memory block # 7: 63 Mb (total: 1609 Mb)  
Memory block # 8: 59 Mb (total: 1668 Mb)  
Memory block # 9: 40 Mb (total: 1708 Mb)  
Memory block #10: 37 Mb (total: 1745 Mb)

before I was visualing 3-D data on the size of say 50x50x10, now im visualizing data on the size of 250x250x1 and it is giving me error saying it can't allocate memory to create array. I check the memory by using "help, /memory" and found the heap memory is used up. I am taking in 3D data and visualizing it by using IDLgrContainer. I created IDLgrModel and IDLgrAxis etc and put them together to visualize them. I can rotate it or flip it any way I want. It is a real time visualization. Does anyone know how I can overcome this memory problem? I currently have 1GB of RAM installed and 2GB of Virtual Memory allocated.  
Thanks.

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