
Subject: memory

Posted by [Jean H.](#) on Wed, 30 Aug 2006 16:06:01 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hello all,

Is there a way for IDL to find out the amount of available memory?

Also I am not too sure to understand how IDL is managing the virtual memory. In the help file, they say that IDL would automatically write information on the disk if the physical memory gets full. However, I have a function that crashes (i.e. % Unable to allocate memory.) as soon as my physical memory is totally used. In this function, I have to carry a few quite large arrays that are used only once in each loop iteration.. so technically speaking, they could be written on the disk instead of being kept in memory!

I have 2G of physical memory, and the same amount of virtual memory (for a supposedly nice total of 4G then).

IDL> print, !version

```
{ x86 Win32 Windows Microsoft Windows 6.2 Jun 20 2005    32    64}
```

Any thoughts would be greatly appreciated!

Jean

PS: Having to add some loops in your code because the loopless one takes too much memory is more painful than pulling your hairs when writing the "optimized" code..
