
Subject: Memory limited to 128 MB on DEC Alpha
Posted by [mole6e23](#) on Fri, 28 Jul 2000 07:00:00 GMT
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Hi there..

I'm using IDL 5.3 on a DEC Alpha (Personal Workstation 500/AU) using Digital UNIX 4.0E.

We have 512 MB of physical memory and 792 MB of virtual memory (yes, probably not enough) installed. However, when I run IDL, I seem to be limited to only 128 MB of memory.

```
junk=bytarr(1000,1000,133)
```

is the largest allocation I can perform on startup of IDL. It would be nice to be able to do larger allocations (or at least a long series of smaller allocations). I watched during the execution of a program (using `swapon -s`) that slowly consumes memory, and the virtual memory wasn't being hit in the slightest to try and come up with more memory (not that it should need it - I was the only user logged in at the time).

My question is, why the limitation? I saw documentation on RSIs site about limitations with HP-UNIX, but nothing about Digital UNIX. Is there a way around it?

Thanks in Advance for help, and if possible, please send a copy of your response to my e-mail (mole6e23@hotmail.com).

Todd
