
Subject: Re: Max memory on IRIX?

Posted by [Patrick Broos](#) on Fri, 12 May 2000 07:00:00 GMT

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Dave,

Just a thought ... The cshell in Solaris imposes various limits on
the resources that child processes can

use, including the data size. In my shell the command "limit"
will show the current settings.

<P>Regards,

Patrick Broos

<P>Dave Wyble wrote:

<BLOCKQUOTE TYPE=CITE>We're having some memory difficulties. The problem
is that we cannot

seem to get IDL to use any more than about 1.2GB of RAM. We have tons
of

swap space allocated, and have verified that it is used correctly.

No

matter what we do, IDL seems to have a maximum amount of memory it
will

give us, and then no more is to be had.

<P>The procedure is to simply allocate storage:

z1 = fltarr(1000,1000,20)

z2 = ...

until the out of memory error occurs. We monitor system memory and
swap

space used. There is nothing else running on the machine, and since
we

don't approach the 8GB limit of physical memory, swap space doesn't
seem

to come into play.

<P>The system specifics are:

SGI Onyx2

8 CPUs

8 GB memory

IDL 5.2 or 5.3 (identical results)

<P>Any ideas out there?

<P>Thanks in advance for your help.

<P>Dave Wyble

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