Subject: Re: Max memory on IRIX? Posted by Patrick Broos on Fri, 12 May 2000 07:00:00 GMT View Forum Message <> Reply to Message <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN"> <HTML> 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.
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
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 Onvx2
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
Munsell Color Science Laboratory
RIT</BLOCKQUOTE> <PRE>--

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Subject: Re: Max memory on IRIX?

Posted by davidf on Fri, 12 May 2000 07:00:00 GMT

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Dave Wyble (wyble@cis.rit.edu) writes:

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- > seem to get IDL to use any more than about 1.2GB of RAM. We have tons of
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- > IDL 5.2 or 5.3 (identical results)

>

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I don't know any of the details, but I do know IDL 5.4

is meant to address the problem of working with large data sets. This may well be one of the problems they are working on. I'd check with RSI.

Cheers,

David

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