
Subject: RE: IDL memory limits

Posted by [nowicki](#) on Tue, 12 Oct 1993 05:55:17 GMT

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In Article <293ieq\$dtm@honey.st-and.ac.uk>

so1@st-andrews.ac.uk (Sean Oughton) writes:

> Hi,

>

> I'm processing some large 3 index arrays using IDL (98 x 96 x 96).

> Altogether I need 9 of them active at once, but the msg I get when I

> run the .pro's is

>

> Unable to allocate memory: to make array

> not enough core.

>

> Is this an intrinsic IDL limitation or a h/w limit on my host machine

> (a VAXstation with 56 MB)?

>

> Has anyone else run into problems like this? ANY solutions/workarounds

> to suggest ?

>

> Thanks

>

> sean@tartan.dcs.st-and.ac.uk

Sean,

This error is caused by not allocating enough resources to handle all of the arrays at one time. You need to look at several SYSUAF parameters as they pertain to the username running IDL. These are: WSextent, WSquo, and Pgflquo. There are some SYSGEN parameters that also may need tweaking. Mail me for more info.

NOTE: By optimizing our IDL code, we have been able to put larger and larger arrays without changing the accounts. This includes the use of temporary arrays.

-Greg

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/* nowicki@tardis.larc.nasa.gov | My opinions and mine alone . . . */

Subject: Re: IDL memory limits

Posted by [jim](#) on Tue, 12 Oct 1993 15:31:40 GMT

In article <293ieq\$dtm@honey.st-and.ac.uk> so1@st-andrews.ac.uk (Sean Oughton) writes:

> I'm processing some large 3 index arrays using IDL (98 x 96 x 96).
> ALtogether I need 9 of them active at once, but the msg I get when I
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>

Try the command

.size 20000 30000

The first argument allocates space for larger code
(which you probably don't need) and the second allocates
data space. Try larger values for the second argument.
