
Subject: Re: IDL on IRIX 6.1 problem

Posted by [rosentha](#) on Tue, 24 Oct 1995 07:00:00 GMT

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: rosentha@aaubobs.obs.aau.dk (Colin Rosenthal) wrote:
: >We are running IDL 4.0 on an SGI Power Challenge. We have recently
: >upgraded the operating system to IRIX 6.1, and some IDL programs
: >no longer work. Specifically, attempting to run XINTERANIMATE, the
: >program generates the first few frames of the movie and then exits
: >with
: >
: >% WINDOW: Unable to create X windows pixmap (BadAlloc (insufficient resources for
: > operation)).
: >% Error occurred at: CW_ANIMATE_LOAD 505 /usr/local/rsi/idl_4/lib/cw_animate.pro
: >% XINTERANIMATE 272
: > /usr/local/rsi/idl_4/lib/xinteranimate.pro
: >
: >A check of help,/memory gives
: >
: >heap memory in use: 314924, calls to MALLOC: 1111, FREE: 928 .
: >
: >Evidently IDL is swallowing up large amounts of memory which is not
: >being freed up. Has anyone else experienced similar problems?
: >
: >Note that this particular example worked fine under the old operating
: >system.
: >
: >--Colin Rosenthal | ``Don't smell the flowers -
: >--rosentha@obs.aau.dk | They're an evil drug -
: >--http://bigcat.obs.aau.dk/~rosentha | To make you lose your mind"-
: >--Aarhus University, Denmark | Ronnie James Dio, 1983 -

: If I remember correctly, 6.1 is essentially the same as IRIX 5.3, only
: for the Power Ch. architecture. If so, check the following:

: 1) /var/adm/SYSLOG says something like "Out of logical swap space"
: 2) swap -s shows large amount of swapspace RESERVED, though almost no
: applications are running
: 3) The application might work the first time(s) after a reboot, but then
: the error starts occurring.

: If all these are true, (at least 2 and 3), I'll bet you have run into
: bug (or rather, SGI incident) #254412
: In this case, ask SGI when a patch is available
: OR mail me for a "workaround" I got from SGI a while back
: OR downgrade your operating system again.

This problem has now been solved. It turned out not to have anything to do with the upgrade, but was due to some strange state of the diskless Indy I was using as a terminal. Thanks for taking the time to reply.

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--Colin Rosenthal          | ``Don't smell the flowers  -  
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