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@aauobs.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:
                                                                          928.
                                                         1111, FREE:
: >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 fist time(s) after a reboot, but then
   the error starts occuring.
: 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.
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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.

--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 -