
Subject: Re: IDL on IRIX 6.1 problem
Posted by [rosentha](#) on Tue, 24 Oct 1995 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

Colin Rosenthal (rosentha@aaubobs.obs.aau.dk) wrote:

```
:: 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 swap space 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

No it hasn't. It looks like you may have been right.

```
--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  -
```
