Subject: Re: IDL on IRIX 6.1 problem
Posted by on Mon, 23 Oct 1995 07:00:00 GMT

View Forum Message <> Reply to Message

```
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:
                                                      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 ...."
- 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.

```
/* Frank J. �ynes
                               frank@spacetec.no
/* Spacetec a.s
                   | Phone: +47 77684500
                                             Fax: +47 77655859 /*
/* Prestvannv. 38,
/* N-9005 Troms�, Norway | (...with the bravery of being out of range!) /*
```