
Subject: Re: IDL on IRIX 6.1 problem

Posted by on Mon, 23 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: 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.

--

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