
Subject: Re: IDL and Linux on dual processor
Posted by [charles fowler](#) on Thu, 09 Mar 2000 08:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

Peter,

I'm using dual PIII 450's in a SuperMicro P6DBS motherboard, with 256 megs of RAM, and 512 megs of swap space.

The IDL code is very short:

```
pro idl_test
for i=0l,1000000 do begin
for j=0l,1000000 do begin
;help,/mem
;help,/heap_variables
a=[1]
end
end
end
```

If I start this twice so that both processors are running, the machine freezes in less than a minute or two.

It doesn't seem to be a memory problem, unless there is a memory leak somewhere.

I've also tried niceing IDL to 5 instead of the default 0 , but that didn't seem to help, except that maybe it might take a little longer to freeze up, but that could be my imagination.

I can run compiled jobs, or single IDL jobs using large memory requirements that require swapping, with no problem.

Sticking print statements in the above code show that the problem never happens at the same place.

RSI had me include the 2 help commands, they showed nothing interesting.

Any ideas?

Thanks,
chuck.

* Charles Fowler cfowler@boulder.colorado.edu *
* Voice (303) 492-0975 FAX (303) 492-2825 *
* Colorado Center for Astrodynamics Research *
* University of Colorado at Boulder *
* Campus Box 431 Boulder, Colorado 80309-0431 *
