Subject: IDL and the RAM memory
Posted by txominhermos on Wed, 07 Jun 2006 16:26:18 GMT

Hello group!

I am doing some test to know the capabilities of IDL 6.0.1 in a
Computer with 4 Gigabytes of RAM memory.

The program charges images of 203 MB (213,479,424 bytes). In the fifth
image IDL stops the program when...

ENVI> print, memory()
   860445965   61829   55020   860485241

And says...

% Unable to allocate memory: to make array.

Why I cannot use the whole RAM memory?

Thanks for your attention

txomin

Subject: Re: IDL and the RAM memory
Posted by RC Olsen on Thu, 15 Jun 2006 22:29:03 GMT

following the reply by David Fanning...

 We had a problem in gridding a large (~ 1GB) irregularly gridded
data set. The IDL contour routine worked fine on subsets of the data,
but eventually the PC's failed as we tried to use the whole scene. We
put it on the 64 bit OS - Sun Blade - and found we needed a bigger
virtual memory. We put a 32 GB (fast) dedicated swap disk in.   As we
tracked memory usage, we found that usage peaked at about 28 GB.
Worked like a champ.....

rco

txominhermos@gmail.com wrote:

> Hello group!
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> Computer with 4 Gigabytes of RAM memory.
>

>
> txomin