
Subject: Re: QUESTION: is there a command in idl which could clean up memory pieces?

Posted by [litongmu](#) on Tue, 21 Oct 2008 22:52:02 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Oct 21, 12:16 pm, pgri...@gmail.com wrote:

> liton...@gmail.com wrote:

>> Hi all,

>

>> I am wondering if there is a command in IDL which could clean up all
>> the memory pieces to generate a whole big piece which could be used by
>> IDL.

>> Because, recently I am running a code to read and deal with cdf files.

>> And there are lots of files (more than 1000). The code cannot finish

>> them once, because of memory problem.

>

> While it is possible you are having a memory fragmentation issue,

> it seems more likely you are just running out of memory. Can you tell

> us how much memory you use at the time of the failure?

> Use: help,/mem

>

> Cheers,

> Paolo

>

>> And I know that in Matlab there is a command called 'pack', which

>> could clean up all the memory pieces. So I am wondering if there is a

>> similar counterpart in IDL. It took me really a long time to find in

>> the manuals. But no luck.

>> I appreciate your help and your try.

>

>> tongmu

>

>

It is different. If I run my code in my desktop, the memory usage is about 300m, which, as you mentioned, is likely to be out of memory.

But if I use my laptop, the memory usage is about 30m or less.

However, I called a subroutine to open and read a cdf file every time, and in one file, there are only like 5000 records. So I think there should be enough memory to each file.

Another reason why I believe it is caused by memory fragmentation is that in my code, I need to resize some arrays several times. It could generate lots of memory pieces.
