Subject: Re: shmmap questions

Posted by Heinz Stege on Mon, 10 Dec 2012 14:13:28 GMT

Hi Russell,

I don't have a Mac here. On Windows the maximum size of the shared
memory segment is given by the largest available memory block within
the RAM.

You can download memtest from
 http://www.exelisvis.com/Support/HelpArticleDetail/ArticleId /3441.aspx
(or anywhere else) to show the sizes of the largest available blocks
within your IDL session.

If possible in your Monte Carlo simulation, it may help to use 2 or 3
smaller shared memory maps instead of a single large one.

Cheers, Heinz

Subject: Re: shmmap questions

Posted by Russell Ryan on Mon, 10 Dec 2012 17:38:00 GMT

Hi Heinz,

Yeah, that's what I was leaning toward. But after I posted this message, I needed to restart my
computer for a completely unrelated reason. When I turned it back on I noticed the problem was
fixed --- in that I could now write that data to shared memory (at least as far as I can tell). I guess
I should've guessed that modifying the kernel settings would require a restart, but that seems to
be the missing piece.

Should this turn out to be incorrect, and I'm not truly mapping this data, then I'll be deconstructing
the code to do what you said --- share many small maps instead of one large one. It's just messy
and aesthetically ugly.

Thanks!
Russell

On Monday, December 10, 2012 9:13:28 AM UTC-5, Heinz Stege wrote:
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