Subject: Re: Processing getting slower and slower?
Posted by David Fanning on Mon, 06 Mar 2006 17:02:31 GMT
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Zoltan Bartalis writes:

> I am processing satellite data with IDL, involving reading in data,
> processing it, storing it in several buffer arrays and writing (appending)
> it to lots of binary files (about one million) as soon as any of the buffers
> is full. Without going into more details, a more general question: has
> anyone encountered that while going through several processing cycles
> involving intensive file opening, writing and closing, the processing gets
> slower and slower for each cycle, although the operations in each cycle are
> more or less the same? I am declaring all the buffer arrays and other needed
> variables _before_ looping through the read-in of the input data files, so I
> would expect no change in the memory usage from cycle to cycle. Is this an
> IDL issue or a platform one? Running under Windows XP.

This sounds like a memory-paging-to-disk problem to me.
Are you sure you are destroying/releasing the buffer
memory when you are finished with it?

Cheers,

David

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Coyote's Guide to IDL Programming: http://www.dfanning.com/