Subject: Re: 64-bit IDL and multi-threading
Posted by edkase on Fri, 19 Oct 2007 17:37:57 GMT
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On Oct 19, 8:33 am, greg.a...@googlemail.com wrote:
> I'm considering trying to set up a 64-bit system to get past the 1 GB
> limit of windows, and wondering at the same time how far it's worth
> going with a multi-processor system. I know some of the longer
> processing codes I have could be split into parallel tasks, but I've
> never tried that - I don't know even if it's possible in IDL beyond
> the built-in multi-threaded routines. I'd be glad of any advice...
>
> Greg

FastDL products significantly decrease the time required to get answers to complex problems by allowing IDL users to quickly re-purpose multiple IDL applications to run in parallel. FastDL offers two independent components that address the varying computational needs of parallel data analysis and visualization applications, TaskDL and mpiDL. TaskDL is designed to be used in applications where parallel processing computations can be executed independent of one another, such as movie frame rendering and Monte Carlo simulations. Using TaskDL, IDL applications can be re-purposed in minutes to run in parallel on a Linux cluster. mpiDL is an even more powerful option for computations that require different segments processing in parallel to communicate with each other, such as distributed data set analysis and finite element analysis. mpiDL is the ideal solution for scientists and developers who are familiar with parallel computing. It is a unique, off-the-shelf product that offers true inter-process communication.

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Sincerely,
Ed Kase
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