Subject: Re: IDL_IDLBridge and the virtual machine
Posted by Russell Ryan on Sun, 17 Mar 2013 05:34:18 GMT
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On Friday, March 15, 2013 5:36:21 PM UTC-4, Mark Piper wrote:
> On Thursday, March 14, 2013 5:59:10 PM UTC-6, superchromix wrote:
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>> ... What I want to do is use IDL to run multi-
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>> threaded analysis on a multi-core CPU. I am running cpu-intensive
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>> analysis algorithms within stand-alone IDL applications which run in
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>> the VM, and I need a way to make full use of the processing power of
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>> the CPU.
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> Just to be clear, IDL's math operations are multithreaded:
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> http://www.exelisvis.com/docs/Routines_that_Use_the_Th.html
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> but I agree, we need a generalized technique for multithreading IDL pro code. I should be careful because this is somewhat distant, but we do have a parallel processing API under development that we'd like to introduce in IDL 8.4. (Note that 8.3 is scheduled for this fall.) Email me if you'd like to be a beta tester; same goes for anyone reading this.
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> We're also looking at better ways to distribute IDL applications. The VM has been OK, but it's time for something better.
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> mp

Hi Mark,
I'd love to beta test such a code. The memory leak bug in the IDL_IDLBridge using the /nowait

feature is killing me, and love to learn that there is a new/better way to do this explicitly...
-Russell