Subject: Re: IDL_IDLBridge and the virtual machine
Posted by Mark Piper on Fri, 15 Mar 2013 21:36:21 GMT

On Thursday, March 14, 2013 5:59:10 PM UTC-6, superchromix wrote:
>
> ... What I want to do is use IDL to run multi-
> threaded analysis on a multi-core CPU. I am running cpu-intensive
> analysis algorithms within stand-alone IDL applications which run in
> the VM, and I need a way to make full use of the processing power of
> the CPU.
>

Just to be clear, IDL's math operations are multithreaded:

   http://www.exelisvis.com/docs/Routines_that_Use_the_Th.html

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.

We're also looking at better ways to distribute IDL applications. The VM has been OK, but it's time for something better.

mp