
Subject: Re: Parallel Processing in IDL

Posted by [Michael Galloy](#) on Mon, 11 Oct 2010 16:41:21 GMT

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On 10/11/10 10:35 AM, Ammar Yusuf wrote:

> What's an easy way to use multiple processors in IDL? I have a large
> program but I want to start with a simple program first. Let's say I
> have an array of a million integers and I have four processors. I want
> to add all the elements in this array and output it. I could split the
> array into four parts and give it to each processor right? Is this
> possible? How would I do this? Thanks!

IDL's thread pool (search the IDL online help for thread pool for more information) will do things like that automatically if you just have a system with multiple processors.

If you want to do more complex tasks than just vector operations then check out FastDL (it has an MPI interface and a task farming interface, depending on the level of control you need):

<http://www.txcorp.com/products/FastDL/index.php>

Disclosure: I work for Tech-X.

Mike

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