
Subject: Re: Parallel Processing in IDL

Posted by [Ammar Yusuf](#) on Mon, 11 Oct 2010 18:06:35 GMT

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On Oct 11, 12:41 pm, mgalloy <mgal...@gmail.com> wrote:

> 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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Well let's say I have a for loop and inside this for loop I have
around 50-100 lines and these computations are going out to different
procedures and functions. Would I still use the IDL Thread Pool?
Thanks!
