
Subject: Re: Can I have multiple threads in IDL?
Posted by [Marc Reinig](#) on Wed, 11 Aug 2004 14:19:20 GMT
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Liam,
I'll try to get to the source today.

Thanks for your help.

Marco

"Liam Gumley" <Liam.Gumley@ssec.wisc.edu> wrote in message
news:cfaq0v\$a04\$1@news.doit.wisc.edu...

> Marc Reinig wrote:

>> We're currently running a very large computational program on a
>> multiprocessor machine. When the FFT portion runs, the CPU load on all
8

>> processors spikes, so IDL is making use of them, life is good.

>>

>> However, we have another portion of the code that dose a massive nested
loop

>> on some arrays, but the operation is carried out on a very small subset
of

>> the array and IDL uses only a single processor. It could be easily
broken

>> into threads if we were writing in C to allow the OS (Windows Server
2003)

>> to run the threads simultaneously.

>>

>> We would like to break this processing into multiple threads in IDL so
that

>> the task can be run on the other 7 processors in a similar manner. Is
there

>> a way to create and run a thread in IDL?

>>

>> Thanks in advance,

>>

>> Marc Reinig

>> UCO/Lick

>> Laboratory for Adaptive Optics

>

> Marc,

>

> Any chance you could post the code for the loop operation? Someone might
> be able to offer suggestions on how to convert it to array operations
> (and thus enable multi-threading).

>

> Cheers,

> Liam.
> Practical IDL Programming
> <http://www.gumley.com/>
