Subject: Multi-Threading - IDL_IDLBridge
Posted by dmfl0590 on Tue, 23 Feb 2016 10:33:30 GMT

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Hi

I am using IDL version 6.4 on Windows. My code takes ages as I have 4D arrays and lots of computations. I wanted to speed up the process by doing parallel programming.

I came across with these two pages.

 http://www.exelisvis.com/Support/HelpArticles/TabId/185/ArtM ID/800/ArticleID/3252/3252.aspx

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

Does IDL_IDLBridge works only on Linux?

I have limited knowledge in programming. Can anyone help me by giving a good starting point for the parallel processing in IDL?

Many thanks

Subject: Re: Multi-Threading - IDL_IDLBridge
Posted by Michael Galloy on Wed, 24 Feb 2016 21:19:18 GMT

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On 2/23/16 3:33 AM, dmfl0590@gmail.com wrote:
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There are some small differences between UNIX, OS X, and Windows, but it should work on all of them. I'm more worried about IDL 6.4. The IDL_IDLBridge was introduced in IDL 6.3, I'm not sure how many bridge bugs have been fixed since 6.4 and 8.5.1.

> I have limited knowledge in programming. Can anyone help me by giving
> a good starting point for the parallel processing in IDL?

That's a bit daunting then. Parallel programming is generally not the best place to start when learning to program.

I have some library routines and examples in my library that might be close to what you are doing and hopefully simple to modify for your needs. My library is at:

  https://github.com/mgalloy/mglib

Library routines are in src/multiprocessing and the examples are in examples/multiprocessing.

Mike
--
Michael Galloy
www.michaelgalloy.com
Modern IDL: A Guide to IDL Programming (http://modernidl.idldev.com)