
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:

> 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/ArtMID/800/ArticleID/3252/3252.aspx>
>
>
>
> http://www.exelisvis.com/docs/IDL_IDLBridge.html
>
>
> Does IDL_IDLBridge works only on Linux?

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

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Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)
