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Subject: Re: Parallelise FOR loop in IDL

Posted by [H. Evans](#) on Tue, 20 Sep 2011 14:29:37 GMT

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On Sep 19, 3:58 pm, Vincent Sarago <vincent.sar...@orange.fr> wrote:

> Hi Robin,

>

> You may have a look on :<http://www.itvis.com/Default.aspx?tabid=1540&id=1306>

>

> I never used it, but it might works.

>

yes, this can be used in this context. It creates multiple bridge objects that can run on different cores of a machine.

The memory is shared between the bridge processes, and so you are limited to simple data structures (no objects or structures, but you can use arrays of int, real, double, etc.). Although for the complex data structures, it is possible to save the input/output data structures in a save file, restore them in the bridge session, run the processing on it, save the outputs in save files and restore them back in the main session.

I've used it many times, but since a cock up in the installation of IDL v8.0, it no longer works on our main CPU machines (32 core machines). Although it does still work on the IDLv7.2 on these machines. I have not been able to work out why IDL v8.0 doesn't start the Bridge process.

H.

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