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Subject: Re: Parrallel Matrix Inversion in IDL?  
Posted by [Michael Galloy](#) on Fri, 07 Sep 2012 16:17:56 GMT  
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On 9/6/12 9:59 PM, Bogdanovist wrote:

> Does anyone know of an implementation for parallel matrix inversion in IDL? e.g. using IDL Bridge to split the task over multiple threads.

I don't know of any implementations for IDL right now. GPULib is adding MAGMA support, which is a GPU LAPACK implementation.

MAGMA:

<http://icl.cs.utk.edu/magma/>

> More generally, is there a library out there for doing parallel linear algebra (SVD, QR decompositions etc etc)?

ScaLAPACK:

<http://www.netlib.org/scalapack/>

And PLAPACK:

<http://www.cs.utexas.edu/~plapack/>

Mike

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Michael Galloy

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

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