
Subject: Re: IDL and Beowolf ?

Posted by [ronn](#) on Mon, 23 Jul 2001 22:06:20 GMT

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in article GGxou8.KBJ.A.ebony@news.trentu.ca, dmarshall@ivory.trentu.ca at dmarshall@ivory.trentu.ca wrote on 7/23/01 12:08 PM:

> I just finished reading The Do-It-Yourself Supercomputer by William W.
> Hargrove, Forrest M. Hoffman and Thomas Sterling in this months Scientific
> American
> <http://www.sciam.com/2001/0801issue/0801hargrove.html>
> And wondered if anyone had any thoughts/experience with running IDL
> applications on such a cluster.
>
> Dave.
Dave,

I have set up an interface between IDL and PVM (the Parallel Virtual Machine). You can see a blurb about it at <http://www.kilvarock.com/software/idltopvm.htm>

I have used it for some massive runs that would have been impossible without the parallel processing. The way I have the code set up you can either run an IDL save file as a "slave" program or a C or Fortran program as a slave. If you stay completely with IDL it is even a little easier than regular PVM as IDL always knows the data type and size so you don't have to explicitly state these like you would in a regular C (or Fortra) PVM program.

If you are interested in learning more send me an email.

-Ronn

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"Application Development with IDL" i; ½ programming book updated for IDL5.4!

"Calling C from IDL, Using DLM's to extend your IDL code" NEW BOOK!

Shareware and Freeware at: <http://www.rkling.com/>
