Subject: Re: IDL with multiple processors
Posted by steinhh on Sat, 05 Dec 1998 08:00:00 GMT
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In article <749919$okv@post.gsfc.nasa.gov>
thompson@orpheus.nascom.nasa.gov (William Thompson) writes:

> I always thought of IDL as an ideal candidate for parallelization,
> without any need for modified code. After all, one can apply an
> operation to an entire array of data in one call, i.e. if one says
>
> A = B + C
>
> and B and C are arrays, then this is equivalent to N separate
> operations on each of the elements of the arrays. Why couldn't
> this be split up over several processors?

You are of course right, Bill. This is definitely the optimal
strategy for parallelization for (well-written) IDL applications.
Among other things, it definitely scales a lot better with increasing
number of processors than writing a few threads that may execute
in parallell.

The only thing I can say to my defence for not mentioning it
is that it's, well, kind of boring, from a programmers perspective :-)

Stein Vidar