
Subject: Re: IDL as programming language?
Posted by [scisoft](#) on Sat, 10 Sep 1994 03:42:28 GMT
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Beau Paisley (harmonic@world.std.com) wrote:

: In article <34fhs7\$ak8@nkosi.well.com>,

: Mike Boucher <scisoft@well.sf.ca.us> wrote:

: >

: >Another alternative is the IDL and PV-Wave interface to the optimized and

: >parallelized math library that our company sells.

: I would be interested in seeing your timings. To date we haven't

: seen any of the "matrix languages", (i.e. IDL, MATLAB, Gauss, etc.) that

: do matrix multiplication faster than O-Matrix.

Our product is primarily a FORTRAN- or C-callable library of math subroutines, so I cannot claim to have the same flexibility of the matrix languages such as IDL or O-Matrix. As for speed, we tend to run BLAS2 in the 15-25 mflop range and BLAS3 in the 25-35 mflop range on a single CPU, up to 150+ mflops for some of the more important subroutines like matrix multiply on a four-CPU system.
