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Subject: Re: Efficient IDL programming (use outer product)

Posted by [thompson](#) on Mon, 06 Dec 1993 22:57:38 GMT

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chase@aphill.jhuapl.edu (Chris Chase S1A) writes:

> IDL Comments/musing/wishful thinking:

> I would like to see two `APL'-like operators in IDL for dealing with

> vectors and matrices:

> 1) outer products - using a given binary operator.

> 2) reduction - apply a scalar valued function along one dimension of

> an array (works like TOTAL function when using the dimension

> parameter). For example, return the maximum of each row of a

> maxtrix.

It seems to me that item 2 above could be best accomplished by taking the DIMENSION keyword recently added to TOTAL, and extending it to the MAX and MIN functions. I, for one, think that would be useful.

Bill Thompson

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