Subject: array operators - vector processing relevant
Posted by nasalmon on Sun, 03 Oct 2004 19:39:34 GMT
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Does anyone know if there is an array operator that can be used to multiply to 1D vectors together that results in a final 1D vector that holds all multiplicative combinations of the individual vector components?

For example, array A of length m, and array B of length n would result in a vector C of length m x N. Of course i can use array operators # or ## to create a 2D array from the individual 1D arrays and then unfold it back into a 1 D array. However, it would be convenient to have a straight routine for this.

This would be useful for array address, where you want to replace nested do loops with vector processing, where you would use such a routine to calculate the indices to enable fast array addressing.

many thanks,
Neil