Subject: Re: Need efficient routine to calculate max of two arrays
Posted by mfishler on Thu, 26 Jan 1995 01:07:22 GMT

In article <3g3p8i$1o6@cobra.aer.com>, gallery@aer.com (William O. Gallery) writes:
> Here is the problem:
>
> There are two arrays: a and b of equal length, I want to calculate
> an array c of the same length so that:
>   c(i) = min(a(i),b(i))
>
> For efficiency, I want to use vectors and not a do loop.
>
> Any suggestions? This would seem to be a common enough problem,
>

For the operation stated, c = a < b   will do the trick.
For max instead of min, use c = a > b .

Good luck!

==Matthew

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|(_|_  |  M a t t h e w   G.   F i s h l e r  |                 |
|  ___  | The Johns Hopkins School of Medicine  |   "It is a miracle  |
|  (_) ) | 720 Rutland Ave --- 701 Traylor Bldg  |    that curiosity    |
|   _   |          Baltimore, MD  21205          |   survives formal   |
|  (_   | tel:(410)955-0077  fax:(410)955-0549  |     education."     |
|  (_   |      e-mail: mfishler@bme.jhu.edu      | --Albert Einstein  |
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