
Subject: Re: Array multiplication: implicit loop query
Posted by [Paul van Delst](#) on Mon, 13 Aug 2001 13:46:06 GMT
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george Millward wrote:

>
> Hi there,
>
> Thanks for everyones help.
>
> I have inserted the "rebin" function and this works fine.
> I am still a little intrigued as to why IDL works this way

I'm sorta intrigued why you think it would work the other way. Somewhere someone had to make a decision what to do in this respect. What would expect the default behaviour to be if you mixed not just 1-D and 3-D arrays, but had a couple of 2-d or 4-d arrays also? Or if you had some subscripted arrays in the expression? Which dimensions get "promoted" or "rebinned" with respect to others? Seems to me like using the lowest common dimensions makes more sense - not just for implementation but also for spotting errors when you've mixed up your dimensions. It, uhh, ehem, happens to me all the time... :oD

paulv

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Paul van Delst A little learning is a dangerous thing;
CIMSS @ NOAA/NCEP Drink deep, or taste not the Pierian spring;
Ph: (301)763-8000 x7274 There shallow draughts intoxicate the brain,
Fax:(301)763-8545 And drinking largely sobers us again.
 Alexander Pope.