Subject: Re: Bug/feature in matrix multiply
Posted by Mark Fardal on Mon, 15 Mar 1999 08:00:00 GMT
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> I agree (somewhat). Generally, I found that IDL is quite "smart" in
> removing trailing dimensions so that one doesn't have to worry too much
> about them.

When is this "feature" actually useful? I'm sure I use it in some form but I can't think of it.

> Anyway: you can always make sure you get what you want with
>
> a = transpose(reform(a))
>
> These statements are not very costly in terms of execution time, because
> it's only messing around with the array descriptor (at least I believe
> so).

Could you be more specific about what this statement is supposed to do? It will give a 1xN array, not a Nx1 array which is what I wanted originally. If you do a second transpose it drops the trailing dimension again.

On the subject of speed, try it with out with 10M elements. I think it's altering more than a single descriptor.

thanks,
Mark Fardal
UMass