Subject: The usual vectorising headache
Posted by Edd Edmondson on Mon, 25 Apr 2005 13:44:00 GMT

I've ended up with a situation I'm having trouble vectorising effectively.
The operation I want to do is a

transpose(p)##q##p

where p is Array[4] q is Array[4,4]

Now I need to do this operation with a few tens of thousands of different
p's, so I've got actually got a p which is Array[bignum,4].

Obviously I want to vectorise it so I loop over 4s, rather than loop over
bignums if I have to loop at all, but I don't want to have to completely
specify the whole operation in individual 0,1,2,3 elements or the code
looks pretty unreadable (but I'll do that if necessary).

Anyone got any clever tricks I might use?

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Edd