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Subject: Re: Vectorization question

Posted by [Struan Gray](#) on Fri, 15 Sep 2000 07:00:00 GMT

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Liam E. Gumley, [Liam.Gumley@ssec.wisc.edu](mailto:Liam.Gumley@ssec.wisc.edu) writes:

> How would I vectorize the following operation  
>  
> for i = 0, n\_elements(x) - 1 do a[x[i]] = a[x[i]] + b[i]

I've often wondered if IDL could be modified internally to allow an implicit loop where the loop variable is only used for indexing arrays. I've hit several situations where I want to do this sort of thing, but don't want to write external routines and don't have the memory to use the 2D trick.

Oh well.

Struan

PS: I tried hard to use HISTOGRAM, but just ended up looping through the reverse indices array, which a priori is no faster.

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