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Subject: Re: Accelerating a one-line program doing matrix multiplication

Posted by on Tue, 28 Sep 2010 06:17:43 GMT

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On 27 Sep., 15:31, nata <bernat.puigdomen...@gmail.com> wrote:

> You can use the TEMPORARY function if you can set the input to  
> undefined...  
> When you do [[v1],[v2],[v3]] you are duplicating data. v1, v2 and v3  
> are copied and you are not conserving memory.  
>  
> You could try:  
> RETURN, [[TEMPORARY(v1)],[TEMPORARY(v2)],[TEMPORARY(v3)]] # vc +  
> REBIN(v0, SIZE(vc, /DIMENSIONS))  
>  
> Cheers,  
> nata

Thanks nata.

v0, v1, v2 and v3 are each of them 3-element vectors. I can add that  
but, as I understand it, it will only save the place of 12 floating  
values in memory (48 bytes?).

But I am happy that you did not see any other obvious thing. I started  
feeling depressed seeing that I am not being able to improve this  
single line of code... maybe it is ok, and the whole thing is just  
slow...? ahh.

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