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

Posted by on Wed, 29 Sep 2010 15:55:33 GMT

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On 29 Sep., 17:45, Paulo Penteado <pp.pente...@gmail.com> wrote:

> On Sep 29, 12:24 pm, Axel M <axe...@gmail.com> wrote:

>

>> Great, I did not know about this construction, and honestly I do not

>> understand how it works (is there any documentation about it?).

>> Anyways, I tried it, and unfortunately I saw that it needed ~20%

>> longer (the complete function, not the rebin only). So, it is not

>> faster.. but it is great though.

>

> It is replicating a structure of a single field which contains the

> array input ({temp:input}), then selecting only a single field (the

> first, 0) of the resulting structure array. Documentation for this

> would be on creation and use of structures.

Ok, I got it. Thanks! Then probably it is the memory allocation for the array of structures which takes so long... it would be great if the ITT people would develop a `_fast_` vector replicate, I fear rebinning is not the best option.

In any case, based on the answers, I assume that my problem is rather on the matrix multiplication part, so I can probably do nothing for that.

Thanks a lot

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