
Subject: Re: large matrix operations

Posted by [Vince Hradil](#) on Mon, 13 Oct 2008 16:00:38 GMT

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On Oct 13, 10:08 am, Vince Hradil <vincehra...@gmail.com> wrote:

> On Oct 13, 9:44 am, arp...@gmail.com wrote:

>

>> It seems that very large matrix, e.g. $1.0e6 \times 1.0e5 \times 100$ operations, such

>> as multiplication and matrix multiplication, in IDL is very slow.

>> Anyone know how to speed up large matrix operations ?

>

> Multiplication should be pretty fast. Matrix multiplication can be

> slow if you have to transpose the matrices. This can be sped up by

> using `MatrixMultiply()` instead of `#` or `##`. Perhaps `Temporary()` can be

> used to avoid allocation of extra memory. I think David has the best

> ideas, though.

oops, that should be `MATRIX_MULTIPY()`
