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

Posted by [pgrigis](#) on Wed, 29 Sep 2010 15:34:29 GMT

[View Forum Message](#) <> [Reply to Message](#)

```
>
> [skip]
>
> sometimes (replicate({temp:input},newsize)).(0) is faster then rebin
>
> -> this means:
>
> IDL> a=findgen(3)
> IDL> print,a
>   0.000000   1.00000   2.00000
> IDL> print, rebin(a,3,5)
>   0.000000   1.00000   2.00000
>   0.000000   1.00000   2.00000
>   0.000000   1.00000   2.00000
>   0.000000   1.00000   2.00000
>   0.000000   1.00000   2.00000
> IDL> print, (replicate({temp:a},5)).(0)
>   0.000000   1.00000   2.00000
>   0.000000   1.00000   2.00000
>   0.000000   1.00000   2.00000
>   0.000000   1.00000   2.00000
>   0.000000   1.00000   2.00000
>
> Regards
>
> CR
```

Another option is:

```
a#(fltarr(5)+1)
```

But I would expect this to be slower...

Ciao,
Paolo
