Subject: Re: Multiply matrix

Posted by L. Testut on Sun, 18 Feb 2007 15:12:05 GMT

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```
On 16 fév, 21:36, "hradilv" <hrad...@yahoo.com> wrote:
> On Feb 16, 2:24 pm, "Bob Crawford" <Snowma...@gmail.com> wrote:> > filter =
[[filter*0],[filter*0],[filter]]
>>> hnew = h*filter
>> That would zero out all the lat & lon values wouldn't it?
>
>> filter = [[filter/filter],[filter/filter],[filter]]
>> should retain the lat & lon values.
> Of course, I was trying to do two things at once...
```

Sorry it doesn't work in my case I want to avoid this loop:

```
FOR I=0,nz-1 DO
z[indgen(nx),indgen(ny),I]=Z[indgen(nx),indgen(ny),I]*filter
```

I have a H[nx,ny,nz] where nz is the time. So i have nz field in time that i want to multiply by a filter of size nz.

Is it possible to avoid this loop?

Thanks Laurent