
Subject: Re: Euclidean distance (2D array)
Posted by [Martin Schultz](#) on Mon, 25 May 1998 07:00:00 GMT
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mirko_vukovic@notes.mrc.sony.com wrote:

```
>  
[...]  
> One example on how to do this is the following routine that I find invaluable.  
>  
> ;+ NAME:  
> ;    TWO_D_ARR  
> ;  
[...]
```

Mirko,

how about this one:
; header identical to yours ;-)

```
pro twodarray,vx,vy,ax,ay  
  
tvx = transpose(vy)  
vx_size=size(vx)  
vy_size=size(vy)  
nx = vx_size(vx_size(0)+2)  
ny = vy_size(vy_size(0)+2)  
  
ax = rebin(vx,nx,ny)  
ay = transpose(rebin(vy,ny,nx))  
  
end
```

I did a little timing test, and it performed 3 times faster.

Regards,
Martin.

Dr. Martin Schultz
Department for Earth&Planetary Sciences, Harvard University
109 Pierce Hall, 29 Oxford St., Cambridge, MA-02138, USA

phone: (617)-496-8318
fax : (617)-495-4551

e-mail: mgs@io.harvard.edu

Internet-homepage: <http://www-as.harvard.edu/people/staff/mgs/>
