## Subject: Re: dimensional headache
Posted by Andrew[2] on Wed, 06 Apr 2005 07:46:45 GMT

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Hi again,

please ignore both of the previous posts by me. They dont work, DIST
was completly wrong. Dont know what I was thinking. Sorry. But you can
reduce what you do in the loops. For example the code below (and I made
sure this worked properly) runs in 16 milliseconds (pretty quick). Then
you can still do the rest of the code that I had before, or
alternatively your own code from your WhereToMulti statement.

```
t1=systime(/seconds)
d=findgen(160,160)
xgrid=findgen(160)
ygrid=findgen(160)

;i just assumed a central position here
xmod=79
ymod=79

dx=(xmod-xgrid)^2
dy=(ymod-ygrid)^2

for i=0,159 do for j=0,159 do d[i,j]=SQRT(dx[i]+dy[j])
t2=systime(/seconds)
print,t2-t1
```

Sorry about the dud answers before. I hope this one helps a bit even if
it didnt get rid of the loops.

Cheers
Andrew