
Subject: problem defining vectors

Posted by [heoa](#) on Mon, 24 May 2004 21:09:06 GMT

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Dear experts,

I have a file with 6 columns and 5,000 records.

Each of these records contain spatial coordinates (x,y,z) and vector components (vx,vy,vz). The coordinates are from a Cubic space, however, not all the points inside this cube are in the array. How can I build the arrays so that they can have the same size? I thought about inserting zeros in between.

Cube space

x=50

y=50

z=50

the program that I wrote looks like this: I think the second line is not good!

thank you and best regards,
elias

```
file=DIALOG_PICKFILE(FILTER=['*.dat'])
```

```
array=fltarr(6,50*50L*50L)
```

```
Openr,1,file
```

```
readF,1,array
```

```
x=array[2,*]
```

```
y=array[1,*]
```

```
z=array[0,*]
```

```
u=array[3,*]
```

```
v=array[4,*]
```

```
w=array[5,*]
```

```
close,1
```

```
end
```
