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Subject: PLOT3D format input

Posted by [lucsmm](#) on Wed, 18 Mar 2015 01:04:21 GMT

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Hello

I am using PLOT3D

and when the format of my x,y,z vectors is

X            FLOAT    = Array[200]

Y            FLOAT    = Array[200]

Z            FLOAT    = Array[200]

it works

Now, when the format of the vectors is

X            FLOAT    = Array[1, 108]

Y            FLOAT    = Array[1, 108]

Z            FLOAT    = Array[1, 108]

it doesn't work and IDL says that

% Expression must be a scalar or 1 element array in this context: <BYTE    Array[2]>

any idea what is happening, my original data is in a (9,108) array. how do I convert them ... this is similar to my code, it is generated from other software

```
t=FINDGEN(5,200)
```

```
x = COS(t) * (1 + t / 10)
```

```
help, x
```

```
p = PLOT3D(x(0,*), x(1,*), x(2,*),'o')
```

```
t=FINDGEN(5,200)
```

```
x = t(1,*)
```

```
y = t(2,*)
```

```
z = t(3,*)
```

```
help, x,y,z
```

```
p = PLOT3D(x, y, z,'o')
```

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