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Subject: Re: PLOT3D format input

Posted by [Matthew Argall](#) on Wed, 18 Mar 2015 02:49:46 GMT

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```
> t= FINDGEN(5,200)
> x = t(1,*)
> y = t(2,*)
> z = t(3,*)
>
> p = PLOT3D(x, y, z, 'o')
```

I have found that function graphics are particularly picky about whether you pass them a column vector or row vector. Problems arise when you pass data in as a row vector (a 1xN array, as you are doing above). The solution is to reform your data into a column vector (Nx1 array), like so

```
x = reform(t[1,*])
y = reform(t[2,*])
z = reform(t[3,*])
```

```
p = plot3d(x, y, z, 'o')
```

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