
Subject: "gridPositions" not work correct with "Z" device?

Posted by [Dave\[4\]](#) on Thu, 23 Jun 2011 16:51:07 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi, David:

I use the "GridPositions" function with the following code. Why every time I call the "GridPositions", I got a different results and the plot regions get smaller.

```
IDL> set_plot,'Z'
```

```
IDL> print,gridPositions(3, 3, XEXTENT=[0.01, 0.99],  
YEXTENT=[0.08,0.92], XMARGIN=0.001, YMARGIN=0.001)
```

```
% Compiled module: GRIDPOSITIONS.
```

```
0.0100112  0.640017  0.317916  0.894992  
0.336678  0.640017  0.644582  0.894992  
0.663345  0.640017  0.971249  0.894992  
0.0100112  0.360017  0.317916  0.614992  
0.336678  0.360017  0.644582  0.614992  
0.663345  0.360017  0.971249  0.614992  
0.0100112  0.0800167  0.317916  0.334992  
0.336678  0.0800167  0.644582  0.334992  
0.663345  0.0800167  0.971249  0.334992
```

```
IDL> print,gridPositions(3, 3, XEXTENT=[0.01, 0.99],  
YEXTENT=[0.08,0.92], XMARGIN=0.001, YMARGIN=0.001)
```

```
0.0100113  0.640019  0.317518  0.890182  
0.336678  0.640019  0.644185  0.890182  
0.663345  0.640019  0.970852  0.890182  
0.0100113  0.360019  0.317518  0.610182  
0.336678  0.360019  0.644185  0.610182  
0.663345  0.360019  0.970852  0.610182  
0.0100113  0.0800191  0.317518  0.330182  
0.336678  0.0800191  0.644185  0.330182  
0.663345  0.0800191  0.970852  0.330182
```

```
IDL> print,gridPositions(3, 3, XEXTENT=[0.01, 0.99],  
YEXTENT=[0.08,0.92], XMARGIN=0.001, YMARGIN=0.001)
```

```
0.0100114  0.640022  0.317104  0.884386  
0.336678  0.640022  0.643771  0.884386  
0.663345  0.640022  0.970438  0.884386  
0.0100114  0.360022  0.317104  0.604386  
0.336678  0.360022  0.643771  0.604386  
0.663345  0.360022  0.970438  0.604386  
0.0100114  0.0800220  0.317104  0.324386  
0.336678  0.0800220  0.643771  0.324386  
0.663345  0.0800220  0.970438  0.324386
```
