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Subject: Re: help with scatter plot-like data

Posted by [David Fanning](#) on Mon, 17 Jun 2013 14:08:15 GMT

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clykou@gmail.com writes:

> I'm really out of my depth here with my minimal knowledge on IDL.

Basically I'd like to make a color-coded 2D scatter plot, but I'm not sure how to do it.

>

> Here's the thing. I already have values for my x and y axis and I already know that the positions of the scattered points for my z-axis are just the  $\sqrt{x^2+y^2}$ . But I'm not sure how to plot them in 2D.

>

> I tried a dummy array

> `dummy=fltarr(3,n_elements(dataz))`

> `dummy[0,*]=dataz`

> `dummy[1,*]=xaxis`

> `dummy[2,*]=yaxis`

>

> but then I have no idea how to use the plot command to make the scatter plot.

>

You can find over 50 different kinds of plots, including 2D scatter plots, and the IDL code to produce them, in the Coyote Plot Gallery:

<http://www.idlcoyote.com/gallery/index.html>

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")

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