
Subject: Re: Plotting arrays where data points can have varying colors

Posted by [David Fanning](#) on Thu, 25 Jul 2013 04:20:27 GMT

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Lachlan Tantau writes:

> So essentially I want to plot a 1D array for example (to keep things simple)
> plot, [1,2,3,4,5], [1,2,3,4,5], psym = 4
>
> but lets just say for arguments sake, I'd like x = 2 and x = 5 to be blue markers, and the rest to
be red, is there an easy way to do this other than splitting the original array into smaller arrays and
plotting separately with oplot?
>
> I would have thought entering an array of equal size to the x and y values of colors may have
worked, but I guess not...

```
x = [1,2,3,4,5]
y = [1,2,3,4,5]
cgPlot, x, y, /NoData
colors = StrArr(5) + 'red'
colors[[2,5]] = 'blue'
cgPlots, x, y, PSYM=4, Color=colors, Symsize=2, Thick=2
END
```

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.")
