
Subject: Re: different plotting symbols for different points

Posted by [maurya](#) on Wed, 12 Aug 2009 09:50:45 GMT

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On 12 Aug, 12:49, David Fanning <n...@dfanning.com> wrote:

> maurya writes:

>> Is there any routine that can be used to represent every points in 2D

>> plot by different symbols?

>

>> Actually, I want to plot two array (say, xarr and yarr) of length 80

>> using different symbols (or numbers 1, 2,...80) so that I can identify

>> every points in 2D. One way is to use xyouts. But it will be more

>> useful if the is any routine.

>

> How about this:

>

> PRO PlotNumbers, x, y

>

> IF N_Elements(y) EQ 0 THEN y = RandomU(-3L, 80) * 100

> npts = N_Elements(y)

> IF N_Elements(x) EQ 0 THEN x = Indgen(npts)

> Plot, x, y, BACKGROUND=FSC_Color('ivory'), COLOR=FSC_Color('navy')

> OPlot, x, y, COLOR=FSC_Color('ivory'), PSYM=SymCat(15), SYMSIZE=2.0

> XYouts, x, y, StrTrim(Sindgen(npts)+1, 2), COLOR=FSC_Color('red'), \$

> ALIGN=0.5, CHARSIZE=0.75

>

> END

>

> You can find FSC_Color, SymCat, and other programs you need in

> the Coyote Library.

>

> <http://www.dfanning.com/catalysy/howtoinstall.html>

>

> Cheers,

>

> David

>

> --

> David Fanning, Ph.D.

> Fanning Software Consulting, Inc.

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

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

Thanks David!
