
Subject: Re: Using XYOUTS to substitute numbers for symbols on scatter plots: a caveat

Posted by [David Fanning](#) on Fri, 05 Feb 2010 18:59:46 GMT

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Ed Hyer writes:

>
> 1) Obvious: use ALIGNMENT=0.5 to get the text centered on the point.
> 2) Less obvious: use a STRING(data,FORMAT='(iN.N)') and put the data
> in a fixed-width format.
>
> I wish IDL would do better, maybe it can and I am missing something. I
> simply want to substitute an integer label from 1-999 for the symbols
> in a scatter plot. Basically, what I find is that unless I specify
> FORMAT='(i3.3)' and make it plot 1 as '0001', the smaller numbers will
> be offset to the right. I would have expected that FORMAT='(i)' would
> give me what I want, but instead I get a tab-sized offset on every
> number, even with ALIGN=0.5.

Here is how I do it:

http://www.dfanning.com/graphics_tips/numlabel.html

Cheers,

David

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

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