Subject: Re: Iplot x labeling
Posted by David Fanning on Mon, 04 Jun 2007 00:26:12 GMT

David Fanning writes:

> This works:
>
>   IDL> iplot, x, y, xtickvalues=x, xmajor=5, xrange=[-6.5, 7.5], $
>   xtickname=Strtrim(x,2)
>
> Which leads me to wonder if this is a documentation problem, rather
> than an iPlot problem. The solution has an "object graphics" flavor
> to it that the technical writer might have missed.

Humm. Well, when I started to write an article about this, I
realized this is wrong, too. Consider the following code:

```
IDL> x = [-6.1, -4.3, 1.25, 5.1, 7.0]
IDL> y = [5, 4, 3, 4, 5]
IDL> iPlot, x, y, XRANGE=[-6.5, 7.5], XMAJOR=5, XTICKVALUES=x, $
     XTICKNAME=String(x, Format='(F5.2)'), SYM_INDEX=7
```

Notice that the labels and the actual plotted values are not
aligned. :-(

I don't know. But this is clearly not right and I haven't been
able to come up with anything to make it right in 30 minutes
of effort. This is in IDL 6.4.

I guess I would report this as a bug.

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.")