
Subject: Re: Iplot x labeling

Posted by jochem.verelst@gmail.com on Mon, 04 Jun 2007 19:19:37 GMT

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Hi David,

Thanks a lot for your efforts to help me out! To me it is really strange that such apparently trivial problem cannot be resolved properly in IDL.

I reported the problem. Though I can imagine you are in closer contact with those magic software designers. If there are any advances on this issue, please let us know.

Greetzz,
Joe

On Jun 4, 2:26 am, David Fanning <n...@dfanning.com> wrote:

> 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
>
> --
> 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.")
