
Subject: Re: axis procedure

Posted by [thompson](#) on Thu, 20 Oct 1994 13:42:14 GMT

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tonym@lurleen.jpl.nasa.gov (Tony Mannucci) writes:

> We have version version 3.6 of idl. I have trying to use
> the user library bar_plot routine. There are bugs in it, but my main
> finding is this: the axis procedure no longer seems to work as I expect.
> When placing tickvalues on the axis, the tick coordinates are not
> interpreted as data or normalized coords. It seems to work like this:

> Suppose I want to place tick marks at 0.0, 0.3, and 0.5 along an
> axis going from 0.0 to 1.0. I thought I could do this:

```
> axis,xaxis=0.0,xsty=1,xticks=2,xtickname=['1','2','3'],xtick v=[0.0,0.3,0.5],$  
> xrange=[0.0,1.0]
```

> BUT, this kind of thing always places the third tickmark at the very right,
> the first tickmark at the very left and the second tickmark a little right
> of center. In other words, some sort of scaling is going on which always
> takes the range of the xtickv array and scales to fit so that the first tickmark
> is always to the left and the last tickmark is to the far right.

> This seems very strange! Is this the behaviour with older versions also
> (I don't recall these problems in the past). In this routine now broken.
> The documentation does not seem to imply the behaviour I see!

There's a bug in IDL 3.6 that causes this behavior. Contact RSI for the bug fix.

Bill Thompson
