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Subject: Re: Function graphics axis range - how to get it consistently?

Posted by [Paul Van Delst\[1\]](#) on Fri, 28 Feb 2014 18:34:05 GMT

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Oh my God, check this out:

I added print statements before and after the various plot/text calls like so:

```
print, tp[0].YRANGE
    c = PLOT( [date_time[idx[i]],date_time[idx[i]]], tp[0].YRANGE, $
        XTICKFORMAT='LABEL_DATE', $
        LINESTYLE='dashed', $
        /OVERPLOT, $
        BUFFER=buffer )
print, tp[0].YRANGE
    t = TEXT( date_time[idx[i]], (tp[0].YRANGE)[1], $
        comment[idx[i]], $
        FONT_SIZE=7, $
        /DATA, $
        TARGET=tp[0], $
        ALIGNMENT=0.5, $
        VERTICAL_ALIGNMENT=1.0 )
print, tp[0].YRANGE
```

This is the output:

```
0.0000000    350.00000
0.0000000    400.00000
0.0000000    400.00000
```

So the PLOT() command uses the "busted" YRANGE property value, but doing so "fixes" it.

WTF?

I give up.

On 02/28/14 13:18, David Fanning wrote:

> Paul van Delst writes:

>

>> To paraphrase Inigo Montoya, regarding the property YRANGE:

>> "You keep using that word. I do not think it means what you think it means."

>

> It has been one of those days. (Well, honestly, it has been one of those  
> weeks.) I finally got a chance to take a shower a few minutes ago and I  
> was thinking as the hot water splashed over me, that as long as I was

> asking philosophical questions that remain unanswered, here is another.  
> When you say:  
>  
> "For the record, I use FG pretty much exclusively.  
> I think they're great."  
>  
> Do you mean great from an "idea" perspective? Or do you mean great from  
> a "practical" perspective? Because I find them to be a long, long way  
> from "great". Sometimes I don't understand what reality I live in. Blame  
> the ganja wafting over me from all quarters now, I guess. :-)

Albert Einstein — 'In theory, theory and practice are the same. In  
practice, they are not.'

Grr argghh!

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