Subject: Re: Problem saving a simple png plot
Posted by Markus Schmassmann on Tue, 19 Dec 2017 10:36:27 GMT
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On 12/19/2017 10:47 AM, Steve wrote:
> I am having an issue with saving a png file from a plot with Julian
> days on the x-axis (IDL 8.2). A very simple example is below
>
>
> p=PLOT([0,1],[0,1],XRANGE=[5,28],/NODATA,DIMENSIONS=[1400,40 0])
> p.SAVE,'test.png'
>
> The above works ok - xrange has small numbers
>
> p=PLOT([0,1],[0,1],XRANGE=[2457981.5,2458004.5],/NODATA,DIME NSIONS=[1400,400])
>
> p.SAVE,'test2.png'
>
> The above doesn't work where xrange now has example Julian days
> (larger numbers). The png file does not display the axes properly. I
> have tried playing around with the resolution keywords but this does
> not seem to help.
try one of these:

```
p3=PLOT([0,1],[0,1],XRANGE=[2457981.5,2458004.5],/NODATA, $
    DIMENSIONS=[1400,400],xtickformat='(C(CMoA,x,CDI))', $
    xtickvalues=[2457982.5:2458002.5:5])
p4=PLOT([0,1],[0,1],XRANGE=[2457981.5,2458004.5],/NODATA, $
    DIMENSIONS=[1400,400],xtickformat='(i7)')
```

otherwise manually set the ticks using xtickvalues,xticknames,xminor

I don't see any problems with saving to png for IDL 8.6 with your code,
but getting rid of the exponents might help. Anyhow it makes your axis
more readable.

I hope this helps, Markus