Subject: Re: Problem saving a simple png plot
Posted by steven.abel on Tue, 19 Dec 2017 10:42:51 GMT
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On Tuesday, 19 December 2017 10:36:30 UTC, Markus Schmassmann wrote:
> 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

Hi

Yes I do use xtickformat='(C(CMoA,x,CDI))', but wanted to keep the example as simple as possible. Both of the examples you gave also result in the same problem in the png file - the right hand y-axis is incomplete.

Perhaps it is an issue with IDL 8.2?

Steve