Subject: Re: in multiplot to have common xaxis
Posted by gunvicsin11 on Tue, 04 Oct 2016 10:18:35 GMT
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On Tuesday, October 4, 2016 at 3:06:53 PM UTC+5:30, Craig Markwardt wrote:
> On Tuesday, October 4, 2016 at 5:33:36 AM UTC-4, sid wrote:
>> On Tuesday, October 4, 2016 at 2:16:52 PM UTC+5:30, Helder wrote:
>>> On Tuesday, October 4, 2016 at 10:34:06 AM UTC+2, sid wrote:
>>>> Hi,
>>>>   I need to plot time vs four other parameters. Xaxis will be time. So I am using the multiplot.pro for this purpose. But i want only once the Xaxis value to be displayed for the bottommost plot.
>>>>
>>>> How do we do that, can anybody give some tips.
>>>>
>>>> thanks
>>>
>>> Have a look at David's gallery:
>>> http://www.idlcoyote.com/gallery/index.html
>>> Look for ladder plot. That might be what you're looking for. If not, then you must explain better how it should look like.
>>>
>>> In general you are looking at the "overplot"-ing. This is ok as long as the 4 vars have similar y values. Here is an example in FG:
>>>
>>> pp = plot(/test)
>>> ppr = pp.xrange
>>> xx = findgen(201)
>>> yy = sin(!pi*xx/100.0)
>>> op = plot(xx,yy,'r',overplot=pp)
>>>
>>> Cheers,
>>> Helder
>>
>> I have different xaxis ranges say for example
>> plot1 x=[14.2,14.4,14.6,14.8]
>>   y=[1.2e8,1.3e8,1.4e8,1.5e8]
>>
>> plot2 x=[14.0,14.1,14.2,14.3,14.4,14.5]
>> y=[10,20,30,40,50,60]
>>
>> I need to put both plot1 and plot2 as multiplot with one xaxis.
>> thanks
>
> Your data have different ranges, but you get to chose the XRANGE (with the XRANGE) keyword.

I want the xaxis only at the bottommost plot, top plots i dont want the xaxis to be displayed.