
Subject: Re: in multiplot to have common xaxis

Posted by [Craig Markwardt](#) on Tue, 04 Oct 2016 09:36:37 GMT

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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.xrangle

>> 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.
