
Subject: Re: One title to rule them all...

Posted by [wlandsman](#) on Thu, 13 Dec 2007 15:17:51 GMT

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On Dec 13, 6:02 am, Lasse Clausen <la...@lbnc.de> wrote:

> Greetings,

>

> suppose I have a plot consisting of four panels on top of each other.

> Let's also suppose all are showing the same quantity, just measured by

> different instruments. Since the y axis title is rather longish - like

> 'Compressional Component [nT]' - I would like one ytitle for all 4

> panels.

>

You might look at the recent enhancements by Erin Sheldon to `multiplot.pro` (<http://idlastro.gsfc.nasa.gov/ftp/pro/plot/multiplot.pro>) which creates multiple plots like `!p.multi` but with a lot more control over the appearance. For example, it accepts `mTitle`, `mXTitle`, and `mYtitle` keywords to specify the title, Y title and X title for the entire matrix of plots (along with keywords like `mxTitSize=`, `mxTitOffset=` to control the size and offset from the axis.) For example,

```
erase & multiplot, [1,4], mXtitle='R', mYtitle='Compressional  
Component [nT]'  
for i=0,3 do begin  
    plot,indgen(10)  
    multiplot  
endfor  
multiplot,/reset
```

There are other keywords to control the size of the gaps between the plots, or to force the individual plots to be square,
