Subject: Re: One title to rule them all...
Posted by lasse on Thu, 13 Dec 2007 15:16:28 GMT
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On 13 Dec, 14:34, David Fanning <n...@dfanning.com> wrote:
> Lasse Clausen writes:
>> 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.
>
>> I know that I could use YXOUTS to place a string next to the axes,
>> however I would need to work out exactly where to place it, so that it
>> appears centered. And I am anal about these things, if the title is
>> not exactly in the middle it will annoy the heck out of me. So I could
>> go about and use XYOUTS with negative character size to then have the
>> width of the string and so on and so on and so on... veeery
>> complicated. Though, now that I come to think of it, the time it takes
>> me to write this article would have been enough to write a little
>> procedure...
>
>> Anyway, I thought about using PLOT, /NODATA or AXIS but if I set
>> YSTYLE=5, then the title is also not drawn, which doesn't really help.
>> I also thought about drawing the axis in !P.BACKGROUND but... well, I
>> let you work out how pointless this approach is...
>
> No one is more anal about these kinds of things than I am,
> but this doesn't seem like a particularly big deal to me.
> Do everything in normalized coordinates. You can find you
> bearings with [!X, !Y].window. You can easily rotate your
> title text with XYOUTS and center it with ALIGNMENT=0.5,
> no need to fuss about string length at all. The AXIS
> command will put an axis anywhere you like.
>
> Cheers,
>
> David
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:http://www.dfanning.com/
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

The ALIGNMENT argument! Love it! Exactly what I wanted, let IDL do all
the string length calculations and whatnot.

Cheers

Lasse

PS: Wouldn't be too sure about the "No one is more anal about these kinds of things than I am"...