
Subject: Re: plot problem

Posted by [lecacheux.alain](#) on Fri, 27 Jul 2012 12:16:21 GMT

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Le jeudi 26 juillet 2012 21:34:44 UTC+2, dave poreh a écrit :

> Folks

> hi,

> I have a problem: i have produced a plot

(<http://imageshack.us/photo/my-images/545/gps2idl.png/>) and i need to increase the height of each graph in the figure.

> Can sb help please?

> Cheers,

> Dave

NG functions are well suited for such a multiplot figure.

For instance, with your example of an array of 9x3 y-functions of the variable x, by using CURRENT and LAYOUT keywords, you can simply write:

```
IDL> for i=0,9*3-1 do pl = plot(x, y[*], i, LAYOUT=[3,9,i+1], CURRENT=(i ne 0))
```

Here LAYOUT creates the multiplot, CURRENT forces same window to be reused except on the first time.

Then, to manage particular spacing, labels, etc in each sub-plot, you can use any other keywords (MARGIN, AXIS_STYLE, etc...) by indexing them with some logical function of i.

For instance, to suppress axes on subplots which are not lying on the boundaries, you could use `AXIS_STYLE=2*(((i mod 3) eq 1) && (i ne 1) && (i ne 25))`, in which 2 and 0 means "box-style" and "no axis", respectively.

For details on those keywords, please refer to the IDL documentation.

Alain.
