
Subject: multiplot and margins

Posted by [penteado](#) on Fri, 30 Apr 2010 00:55:31 GMT

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I was just trying to add some space for titles to the result of using idlsastro's multiplot, in the same way David suggested for a simple !p.multi:

<http://www.dfanning.com/tips/omargin.html>

And found that !x.omargin and !y.omargin had no effect when multiplot was used.

Digging around in its code, I found that it could account for those with a simple change, in the section:

```
margins = [min(!x.window)-min(!x.region) $ ; in normlized coordinates
,min(!y.window)-min(!y.region) $
,max(!x.region)-max(!x.window) $
,max(!y.region)-max(!y.window)]
```

To

```
margins = [min(!x.window)-min(!x.region)+!d.x_ch_size*!x.omargin[0]/
double(!d.x_vsize) $
,min(!y.window)-min(!y.region)+!d.y_ch_size*!y.omargin[0]/double(!
d.y_vsize) $
,max(!x.region)-max(!x.window)+!d.x_ch_size*!x.omargin[1]/double(!
d.x_vsize) $
,max(!y.region)-max(!y.window)+!d.y_ch_size*!y.omargin[1]/double(!
d.y_vsize)]
```

I put the resulting modified file at

http://www.ppenteado.net/idl/multiplot_pp.pro
