
Subject: Problem with `al_legend` in IDL

Posted by [Sasha Singh](#) on Thu, 26 May 2011 17:48:44 GMT

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Hi,

I am plotting two datasets using `symcat` symbols and using `al-legend` to show the legend.

This is how my little routine looks like:

```
ploterror, x, y, xerr, yerr, /xlog, /ylog, psym=symcat(16,  
COLOR=cgColor('black')), xtitle='days', ytitle=textoidl('Peak flux  
( $\mu$  Jy)')  
oplot, x1, y1, psym=symcat(14, COLOR=cgColor('grey'))  
items = ['Best fit', 'No fit']  
sym=[symcat(16, COLOR=cgColor('black')),symcat(14,  
COLOR=cgColor('grey'))]  
al_legend, items, psym=sym, /left
```

The problem here is that my final plot is legends 'Best Fit' and 'No Fit' but both with the symbols of grey filled diamonds, whereas, I will assume that the 'Best Fit' legend should have black filled circle symbol and 'No fit' legend have grey diamond. I don't know what am I doing wrong. If I use simple `psym` values such as `sym=[2,3]`, the legend looks fine. Please help.

Thanks

Sasha.
