
Subject: Re: Problem with al_legend in IDL

Posted by [David Fanning](#) on Thu, 26 May 2011 18:00:44 GMT

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Sasha Singh writes:

```
>
> 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.
```

Well, you should probably use sym=[16,14], or you can just pass these values into al_legend directly:

```
al_legend, items, psym=[16,14], /left
```

Here is an article on this topic:

http://www.idlcoyote.com/cg_tips/al_legend.php

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Problem with al_legend in IDL
Posted by [David Fanning](#) on Thu, 26 May 2011 18:09:10 GMT
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David Fanning writes:

```
> Well, you should probably use sym=[16,14], or you can just  
> pass these values into al_legend directly:  
>  
>   al_legend, items, psym=[16,14], /left
```

I guess in your case, with different colors, it would look like this:

```
al_legend, items, psym=[16,14], colors=['black','gray'], /left
```

Cheers,

David

--

David Fanning, Ph.D.

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