
Subject: Re: Multiple plots in one figure

Posted by [David Fanning](#) on Mon, 12 Oct 2009 04:01:56 GMT

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Nicki writes:

> I just recently started to use IDL. I'm now having the following
> problem... i need to get one figure with multiple plots in it. I
> already know how to do this, but just in a really complicated way...
>
> say, i have the following equation: $y=mx+a$
>
> and for $m=1$ my a is 1
>
> and for $m=10$ my a is 2
> and let's get a third plot, let's say for $m=5$ and and for that case
> the a is equal to 4
> or something like that... and now i want to have one figure with the 3
> plots in it...
>
> so far i have done it like this:
>
> $m1=1$
> $a1=1$
>
> $m2=10$
> $a2=2$
>
> blaaa and then $y1=m1*x+a1$ and so on and then plot, overplot etc..... I
> know this is faar too complicated and there should be something far
> simpler starting with
>
> $m=[1,5,10]$
> $a=[1,4,2]$ or so...
>
>
> i tried to read it up but i don't get it... something with 'if... do
> begin... else...' isn't it?! :) You see i have no idea...
>
> Can somebody help me out??

You are doing it the right way. At least, I **think** you are. :-)

Cheers,

David

--

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

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