
Subject: Re: CAT, DOG, 1.7 AND FISH IN IDL
Posted by [David Fanning](#) on Tue, 19 Nov 2002 05:03:26 GMT
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MC (markchan@shaw.ca) writes:

```
> To Group,  
>  
> x=[2,4,6,8]  
> y=[200,400,600,800]  
> plot,x,y  
>  
> One gets a plot. But not what I want.  
>  
> I need to replace the x-axis with the following axis:  
>  
> where x=2, a label 'cat'  
> where x=4, a label 'dog'  
> where x=6, a label '1.7'  
> where x=8, a label 'fish'  
>  
> I know how to suppress the original x-axis, but don't know how to put the  
> new one in. I am not into object graphic either.
```

That's too bad about the object graphics thing. It would be so elegant, and only take about 45 minutes. :-)

How about something like this then.

```
FUNCTION animal_names, axis, index, value  
  names = ['cat', 'dog', '1.7', 'fish']  
  RETURN, names[index]  
END
```

```
x=[2,4,6,8]  
y=[200,400,600,800]  
plot,x,y, XTickformat='Animal_Names'
```

Cheers,

David

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