
Subject: Re: Moving Axes

Posted by [Allan Whiteford](#) on Wed, 30 Jan 2008 15:10:16 GMT

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chloesharrocks@gmail.com wrote:

> Dear all

>

> I'm plotting data which has both +ve and -ve x and y values and
> possesses a linear relationship which crosses the xaxis at a value

>

>> 0. At the moment my x-axis is 'sitting' at y= -5, which makes it

>

> very hard to notice that the xintercept is positive when just looking

> at the graph (I do have an xyout output telling me the xintercept

> value, but it would be nice if just a quick glance at the graph made

> this obvious). Is there any way for me to move the x-axis up so it

> sits on y=0 (and similarly moving the y-axis so its at x=0) but so

> that my negative value data is still plotted? I presume there must be

> an easy way to do this in IDL - at the moment I'm just overplotting

> lines corresponding to y=0 and x=0 just so I can clearly see the

> xintercept's positive.

>

> Thanks

> Chloï ½

>

> PS. I'm a complete IDL novice, so the simpler the better please!

Chloï ½,

Look at the AXIS procedure.

E.g.:

```
IDL> plot,findgen(11)-5,findgen(11)-5,xstyle=4,ystyle=4
```

```
IDL> axis,0,0
```

```
IDL> axis,0,0,/yax
```

Thanks,

Allan
