
Subject: Re: IDLgrPlot Axis scaling bug?

Posted by [Laurens](#) on Fri, 01 Dec 2006 14:44:45 GMT

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David Fanning wrote:

> Laurens writes:

>

>> in the above example, i want to follow the cursor with a red cross,
>> visible by lines drawn all over the plot (one horizontal, one vertical).
>> I managed to do this by adding two IDLgrPolyline objects to the model,
>> I've already fetched any movement of the cursor, but somehow - and it
>> makes me think it has to do with that resizing / scaling again - the
>> positions of the lines don't match the position of the cursor :(

>>

>> Screenshot:

>>

>> <http://sophorus.mine.nu/IDLgrPolyline.jpg>

>>

>> Code:

>>

>> self.xLine = Obj_New('IDLgrPolyline')

>> self.yLine = Obj_New('IDLgrPolyline')

>> self.Model->Add, self.xLine

>> self.Model->Add, self.yLine

>> self.xAxis->GetProperty, CRange=xrange

>> self.yAxis->GetProperty, CRange=yrange

>>

>> xs = Normalize(xrange)

>> ys = Normalize(yrange)

>>

>> self.xLine->SetProperty, XCoord_Conv=xs

>> self.yLine->SetProperty, YCoord_Conv=ys

>

> Isn't this backwards? Don't you want this:

>

> self.xLine->SetProperty, YCoord_Conv=ys

> self.yLine->SetProperty, XCoord_Conv=xs

>

> I'd probably scale both lines in BOTH directions. Why not?

>

> Cheers,

>

> David

>

err, you're right :) working too long without coffee it seems :)