
Subject: Re: Orientation of IDLgrAxis Tick Labels

Posted by [btt](#) on Fri, 26 Dec 2003 14:07:45 GMT

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Lesa Williams wrote:

> I was wondering if anyone knows of a way to orient IDLgrAxis tick
> labels at a 45-degree angle. I've been playing with the TEXTBASELINE
> and TEXTUPDIR keywords, but I haven't been able to figure out how to
> change the direction of the text other than in the horizontal/vertical
> directions. By making TEXTBASELINE=[0,-1,0] and TEXTUPDIR=[1,0,0],
> I've been able to position the tick labels vertically, but I would
> like (if possible) to display them at an angle for easier reading.
> Any help would be appreciated!

>

Hello,

The baseline values maybe specified with floating point values, so you are not confined to orthogonal directions. Below is a little routine that will step through 10 different baseline angles.

Cheers,

Ben

*****BEGIN CODE

PRO RotateTextExample, text

if n_elements(text) EQ 0 then Text = 'Peace on Earth'

otext = OBJ_NEW('IDLgrText', text, baseline = [0.5,0.0,0.0])

model = OBJ_NEW('IDLgrModel')

model->Add, oText

xObjView, model, tlb = tlb

For i = 0,9 Do Begin

baseline = [1.0, 0.1, 0.0]*[1.0, i, 1.0]

oText->SetProperty, baseline = baseline

xObjView, model, refresh = tlb

Print, 'Baseline = ', baseline

Wait, 1

EndFor

Widget_Control, tlb, /destroy

Obj_Destroy, model

END;

*****END CODE
