
Subject: Re: IDLgrAxis set TICKVALUES in specific positions

Posted by [natha](#) on Thu, 17 Jul 2008 16:32:31 GMT

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On Jul 17, 11:39 am, David Fanning <n...@dfanning.com> wrote:

> I think you would get the text object from your axis with
> the TICKTEXT keyword, then set the LOCATIONS of the strings.
>

I tried it with no results. EXAMPLE:

```
values=['0','30','50','70']
values_pos=['50','55','76','256']
text_arr=objarr(n_elements(values))
for i=0, n_elements(values)-1 do begin
  itext=OBJ_NEW('IDLgrText', values[i], FONT=self.font, $
    RECOMPUTE_DIMENSIONS=2, /ENABLE_FORMATTING)
  text_arr[i]=itext
endfor

;-- then the axis

axis=OBJ_NEW('IDLgrAxis', 1, TEXTPOS=1, TICKDIR=0, $
  TICKTEXT=text_arr, /EXACT, MAJOR=N_ELEMENTS(values), MINOR=0,
  TICKLEN=3)

axis->GetProperty, TICKTEXT=ticktext, YCOORD_CONV=ys
for i=0, n_elements(ticktext)-1 do begin
  location=[ys[0], (values_pos[i]/256.)*ys[1]]
  ticktext[i]->SetProperty, LOCATION=location
endfor

xobjview, axis
```
