Subject: Re: bar_plot barnames
Posted by Vince Hradil on Wed, 19 Mar 2008 20:38:00 GMT
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```
bar_names wants a string array - so it does it "on the fly". Try
obs_hours = sindgen(24)
Indy wrote:
> Hi All,
>
> I am having a problem with the BARNAMES keyword in BAR_PLOTS. My
> array, hours=indgen(24) to represent 0 to 23 hours in a day, is offset
> by to the right by just over 1 tick. So the bars line up with the
> ticks correctly, but the numbers along the bottom are shifted. The
> max is at 1400, but if you just read the numbers along the x-axis,
> below, the ticks, you'd interpret this as 1300.
  The small bit of plotting code is below...
> ; Hours Per Day
 obs_hours = indgen(24)
>
 ;make 2 plots on 1 row 0 remain on the page
 !P.MULTI=[0,2,1]
>
>
 turns off color table;
  DEVICE, DECOMPOSED=0
>
> ;make axes black
> !P.COLOR=2
> LOADCT, 3, NCOLORS=24,BOTTOM=1
> colorIndices = indgen(24)+1
 window, xsize = 1000, ysize = 500
>
  ; ADJUST THE Y axis for Hourly FRP
  !Y.RANGE = [0,MAX(frp_hourly)*1.1]
>
> bar_plot, frp_hourly, COLORS=colorIndices, BARNAMES=obs_hours, $,
  BACKGROUND=255, BARWIDTH=0.75, BARSPACE=0.2, $
  TITLE = 'Hourly Total FRP', $
  XTITLE = 'Local Hour (UTC+2)', $
  YTITLE = 'FRP(MW)'
```