Subject: Re: Axis labeling trickery
Posted by Paul Levine on Mon, 09 Sep 2013 21:59:10 GMT
View Forum Message <> Reply to Message

On 2013-09-07 19:56:40 +0000, Fabien said:

> Hi,
>
> I am not sure to understand the problem but I know that label_date can
> be very annoying sometimes ...
>
> What about doing the same, but without label_date?
>
> time = timegen(120,start=julday(1,1,2003), units='M', step_size=1)
> data = 20*randomu(seed,n_elements(time))-10
> ; Without "label_date"
> x_name = STRING(INDGEN(11) + 2003, FORMAT='(I04)')
> x_locs = timegen(11,start=julday(1,1,2003), units='Y', step_size=1)
> cgPlot, time, data, xrange=[julday(1,1,2003),julday(1,1,2013)], $
> XTICKV=x_locs, XTicks=10, XTICKNAME=x_name
>
> Cheers,
>
> Fab

Thank you for the suggestion. But that gives the same result as my
first example

time = timegen(120,start=julday(1,1,2003), units='M', step_size=1)
data = 20*randomu(seed,n_elements(time))-10
void = Label_Date(Date_Format='%Y')
cgPlot, time, data, xrange=[julday(1,1,2003),julday(1,1,2013)],
XTickFormat='Label_Date', XTicks = 10

in which there is a label at the "end" of the x-axis for the 11th year.
 I guess what I am wanting to do is to have 10 tick intervals, but only
10 labels, with the 11th tick mark remaining unlabeled. If it can't be
done from within the plot or axis routines, I will just have to use
xyouts (or cgText).