Subject: Re: Alternative [XY]ticknames on colorbar
Posted by einareinar on Wed, 12 May 2004 13:09:31 GMT

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David Fanning <david@dfanning.com> wrote in message
news:<MPG.1b0a80105c431cb7989748@news.frii.com>...
> Einar M. Einarsson writes:
>
>> Can someone (David?) tell me how to get alternative labels on David's
>> colorbar?
>> I wanted to ask you guys if I could avoid changing his program.
>>
>> Here is my code:
>>
>> print, names
>> help,names
>>
>> colorbar, /vertical, $
>>   Position = col_pos, $
>>   Range=[0,r_levels(n_elements(r_levels)-1)], $
>>   NColors=n_elements(r_levels)-1, $
>>   Bottom=101, $
>>   Color=!P.color, $
>>   Divisions=n_elements(r_levels)-1,$
>>   /right, $
>>   TITLE='mm/3klst',$
>>   ytickname=names,$
>>   format='(A2)'
>>
>> And here is the resault from the print/help functions:
>>   0   1   2   3   4   5   10
>> 15   20
>> NAMES   STRING   = Array[9]
>>
>> Isn't the _EXTRA keyword supposed to pass ytickname to the AXIS
>> procedure? And it it doesn't matter if names are a integer array and
>> format='(I2)'
>
> Well, this is a fairly subtle problem, it seems to me
> after I've puzzled over it for an hour. I think it
> boils down to the fact that you don't want to simultaneously
> use strings for your plot annotations AND use the FORMAT
> keyword. I guess this makes sense. If you are asking IDL
> to use strings you have provided, then the format will be
> determined by the strings.
>
> Bottom line, I think this call above will work if you set
> the FORMAT keyword equal to a null string (ie, FORMAT='').

> This will have to be done for COLORBAR *whenever* you provide
> the TICKNAME keyword.
>
> I've resisted making COLORBAR too sophisticated, because I
> think it is really RSI's responsibility to provide this kind
> of program, not mine. But I'll think about adding a TICKNAME
> keyword to the program. :-)
>
> Cheers,
>
> David
>
>
> Cheers,
>
> David

Thanks!

It's works fine! And I have to agree that RSI itself should come up
with some handy colorbar tool. The final product can be shown here if
someone is intrested!: http://www.os.is/~or/vedurspa/A.html

best regards
Einar