Subject: Re: Date axis in object graphics (IDL 5.3)
Posted by Mark Hadfield on Tue, 01 Aug 2000 07:00:00 GMT
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"George Constantinides" <gconstantinides@mhl.nsw.gov.au> wrote in message
news:39851C57.62251B78@mhl.nsw.gov.au...
> This should be an easy one for you.
> I am using LABEL_DATE to produce a time axis in object graphics as
> follows:
>
>   ;...... some code ....
>   dummy = Label_Date(Date_Format = '%D-%M!C%H',Offset=start_date)
>   ;...... some more code ....
>   xAxis = Obj_New("IDLgrAxis", 0, Color=[255,255,0], Ticklen=0.025, $
>
>   Minor=4, Range=xrange, Title=xtitle, TickDir=1, $
>   TickFormat = 'Label_Date',Location=[0, 0.2 ,0])
>   ;.......
>
> I expect the HOURS to appear below the date. This works in direct
> graphics but in object graphics it does not understand !C as a directive
> and instead displays it as a literal.
>
> Am I going something wrong, or have I discovered bag number: 4527

No you're not doing anything wrong. Text objects do not recognise !C,
although they do recognise other formatting codes if create with the
ENABLE_FORMATTING property set.

I don't think it's really a bug (or a bag), just a limitation.

P.S. Ticktext objects created by an IDLgrAxis have ENABLE_FORMATTING turned
off. To turn it on you can do:

```
oaxis->GetProperty, TICKTEXT=ticktext
for i=0,n_elements(ticktext)-1 do $
   if obj_valid(ticktext[i]) then $
      ticktext[i]->SetProperty, /ENABLE_FORMATTING
```

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