
Subject: Re: Is there a way to keep axis text from scaling?
Posted by [Mark Hadfield](#) on Sun, 31 Oct 1999 07:00:00 GMT
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David Fanning <davidf@dfanning.com> wrote in message
news:MPG.12837f0ab595ea55989925@news.frii.com...
> Karri Kaksonen (karri.kaksonen@picker.fi) writes:
>
>> I wrote some object graphics axes and found out that I
>> cannot change the data range without scaling the font at
>> the same time.
>>
>> The solution to kill the axis and re-create them is not
>> very pretty. Does somebody have a better solution?
>
> ...
>
> What we want to do here is recompute the text scaling
> when we change the axis range that the text object
> is attached to. We can control when the scaling occurs
> by setting the RECOMPUTE_DIMENSIONS property of the
> text object. In this case, you would like to *always*
> recompute the text dimensions, so I would set this
> property at the same time you assign the font object
> to the text object in the INIT method of your object:
>
> axistext->setproperty, font=self.complexPlotFont, \$
> Recompute_Dimensions=2

This works for the axis title but not for the tick text, i.e. the following

```
oaxis->GetProperty, TICKTEXT=ticktext  
ticktext->SetProperty, RECOMPUTE_DIMENSIONS=2
```

has no effect. An extra keyword to IDLgrAxis::Init, allowing this behaviour
to be overridden, would be nice.

(My news server refused to post this message because there is more included
text than new. So here's some more new text:

```
ABCDEFGHIABCDEFGHIABCDEFGHIABCDEFGHIABCDEFGHIABCDEFGHIABCDEFGHIABCDEFGHI  
EFGHABCDEFGHIABCDEFGHIABCDEFGHIABCDEFGHIABCDEFGHIABCDEFGHIABCDEFGHI  
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Mark Hadfield
m.hadfield@niwa.cri.nz <http://katipo.niwa.cri.nz/~hadfield/>
National Institute for Water and Atmospheric Research
PO Box 14-901, Wellington, New Zealand
