
Subject: NORMALIZE.pro strange behavior ?
Posted by [natha](#) on Thu, 14 Jan 2010 22:00:08 GMT
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Hi guys,

I want to plot, using object graphics, the following data:

```
xr=[0,10]
yr=[5,-5]
datax=findgen(10)
datay=reverse(findgen(10)-5)
```

Using direct graphics I don't have any problem: PLOT, datax, datay,
xr=xr, yr=yr

Normally, when I use object graphics I use the normalize.pro function
from coyote's library. So, the same code to plot the data using object
graphics should be this:

```
aa=OBJ_NEW('IDLgrPlot')
aa->Setproperty, datax=datax, datay=datay, xr=xr, yr=yr, THICK=20
position=[10,90]
xs=NORMALIZE(xr, POSITION=position)
ys=NORMALIZE(yr, POSITION=position)
aa->SetProperty, xcoord_conv=xs, ycoord_conv=ys
XOBJVIEW, aa
```

Oups ! what's happening here. There is no result... ?? I think that
the problem is because my yrange is from a positive value to a
negative value.

Do you know what's happening here and how can I obtain the same result
as direct graphics ?

thanks

nata
