
Subject: Table Widget

Posted by [DMottershead](#) on Fri, 23 Jan 1998 08:00:00 GMT

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Also, with regards to this table widget I have a draw widget defined below the table widget. When a user selects a column of data this data is displayed in the draw widget. My problem is that when the axes change to plot different data ranges, the axis labels change size as well. The code to plot the data is shown below:-

```
pro CTD_Table_Widget_Events, event
```

```
    ; This event handler handles draw widget expose events.
```

```
WIDGET_CONTROL, event.top, GET_UVALUE = ptr
```

```
    ; Draw the graphic.
```

```
result = widget_info(event.id,/table_select)
```

```
a=result(0)
```

```
b=result(1)
```

```
c=result(2)
```

```
d=result(3)
```

```
data = (*ptr).plotdata(a:c, b:d)
```

```
    ; set the plot data
```

```
(*ptr).plot.thisPlot->SetProperty, datay = data
```

```
(*ptr).plot.thisPlot->GetProperty, XRange=xrange, YRange=yrange
```

```
    ; Set up the scaling so that the axes for the plot and the  
    ; plot data extends from 0->1 in the X and Y directions.
```

```
xs = Normalize(xrange)
```

```
ys = Normalize(yrange)
```

```
    ; Scale the plot data into 0->1.
```

```
(*ptr).plot.thisPlot->SetProperty, XCoord_Conv=xs, YCoord_Conv=ys
```

```
(*ptr).plot.xAxis1->SetProperty, Ticklen = 0.01
```

```
(*ptr).plot.xAxis1->SetProperty, minor = 4
```

```
(*ptr).plot.xAxis1->SetProperty, range = xrange
```

```
(*ptr).plot.xAxis1->SetProperty, XCoord_Conv = xs
```

```
(*ptr).plot.xAxis1->SetProperty, tickdir = 1
```

```
    ;(*ptr).plot.yAxis1->SetProperty, Location = [xs[0],ys[0]]
```

```

(*ptr).plot.xAxis1->SetProperty, Location = [0,0]
(*ptr).plot.yAxis1->SetProperty, Ticklen = 0.01
(*ptr).plot.yAxis1->SetProperty, minor = 4
(*ptr).plot.yAxis1->SetProperty, range = yrange
(*ptr).plot.yAxis1->SetProperty, YCoord_Conv = ys
(*ptr).plot.yAxis1->SetProperty, tickdir = 1
;(*ptr).plot.yAxis1->SetProperty, Location = [xs[0],ys[0]]
(*ptr).plot.yAxis1->SetProperty, Location = [0,0]

xaxistext = Obj_New('IDLgrText', font = (*ptr).plot.helvetica6pt)
yaxistext = Obj_New('IDLgrText', font = (*ptr).plot.helvetica6pt)

xAxisText->SetProperty, Font=(*ptr).plot.helvetica6pt
yAxisText->SetProperty, Font=(*ptr).plot.helvetica6pt

(*ptr).obj.odel->add, yaxistext
(*ptr).obj.odel->add, yaxistext

; render the graphics to the window

(*ptr).obj.owindow -> Draw, (*ptr).obj.oview

return
end

```

Say for example I have a y axis labelled from 0 to 10 the first pass.
Next pass I have values from 0 - 20. The labels will halve their size in
both x and y direction.

--
Regards

David

```

*****
David Mottershead      Phone: +61 2 9949 0234
Manly Hydraulics Laboratory  Fax: +61 2 9948 6185
110b King St, Manly Vale, 2093 email: dmottershead@mhl.nsw.gov.au
SYDNEY, AUSTRALIA      WWW: http://www.mhl.nsw.gov.au
*****

```
