Subject: Re: Rubberband box for object graphics
Posted by Chris Lee on Sat, 12 Feb 2005 18:22:51 GMT
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In article <MPG.1c77cfaadd9ea45b98990b@news.frii.com>, "David Fanning"
<davidf@dfanning.com> wrote:

> Christopher Lee writes:
>
>> This will draw a direct graphics plot for you of the zoomed region.
> This is what you might call, literally, thinking outside the box. I
> wonder if it is what the original poster has in mind. :-) Cheers,
> David

Well...that's just as doable. Now that I actually tried to run zplot,
just change the PLOT command to a command to recalculate the axis and
plot, e.g. (where oxrange is the default xrange which gets re-used for a single
click with no drag along the x axis., and position is the position
keyword in xplot)

if(xr[0] eq xr[1]) then xr=info.oxrange

    xs2=Normalize(xr, Position=[info.position[0], info.position[2]])
    info.thisPlot->setproperty, xrange=xr, xcoord_conv=xs2
    info.xAxis1->setproperty,range=xr,/exact, xcoord_conv=xs2
    info.thisWindow->Draw, info.plotView

;;
You'd also need recompute=2 on the XTICK text object to make the font
stay pretty. It works like zplot, without the overlay graphics during the
drag phase..

It also needs some code to stop you zooming in too far, like zplot,
 the axis drawing breaks down after a while.

Chris.