Subject: Re: IDLgrPlot and Widget event

Posted by Laurens on Sat, 26 May 2007 14:12:58 GMT

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David Fanning wrote:

> Laurens writes:

- >> After much irritation from not being able to write a universal class for
- >> drawing every kind of curve, (as usual) David's suggestion to me a few
- >> months ago did the trick:

>>

- >> All measures are normalized to 0->1 so Axis, Curve/Plot and Symbols, all
- >> are scaled to that 0-> scale; the curve draws fine.

>>

- >> Now, I am catching the MOTION event from the mouse cursor; I want to
- >> have something like a crosshair to accentuate the position of the mouse
- >> cursor (see link for example img).
- >> Catching the event and drawing the polylines almost goed well, except
- >> for the fact that I don't seem to be able to position the lines at the
- >> right place. I guess this has to do since the event.x delivers me the
- >> pixel-position on the widget, say 98. But 98 is a bit tough to fit onto
- >> a scale of 0->1.

>>

- >> So the actual question: how do I get from an event.x or event.y to a
- >> position in my normalized plot?
- > > Unless I am missing something terribly obvious, don't you
- > just divide the point by the size of the window in pixels
- > to get the normalized location?

>

- dims = oWindow -> GetDimensions()
- xNormal = event.x / Float(dims[0]) >
- yNormal = event.y / Float(dims[1]) >

> Cheers,

>

>

> David

grrrr, You're not the one who is missing the obvious:) Though it's not an exact match to what I need (there seems to be some difference in y-direction, but I guess that's because the curve is smaller than the viewplane...

Anyhow; thanks mate;)

Cheers, Laurens