Subject: Re: Line-Mouse widget tool
Posted by Howie[1] on Thu, 24 Mar 2005 16:04:56 GMT
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On Thu, 24 Mar 2005 15:30:15 +0000, Howard S. Cohl wrote:

> I would like to build or use a simple pre-developed tool which
> wouuld draw a plot with data points in a certain set of x-y
> (possibly completely different) axes with specific units set by
> the user and is able to interactively draw a "moveable" lines
> on that plot with mouse clicks and notify the user of the positions
> in the data-space of the endpoints of the lines. This widget tool
> should then allow the user to to slightly alter the positions of
> the endpoints of the drawn lines and to tell the user specifically
> (to within a a user specified number of decimal places) where in
> the data space the endpoints are currently located, in real time.
> I would like this tool to be able to work with two separate lines,
> but I guess one would be enough if only that was possible.
>
> It would basically allow me to more easliy determine positions
> in a data space which I have been having to do interactively
> which takes a long time. Any ideas anybody?
>
> cheers, Howie

Oh, one more thing, if it's not too difficult, is to build into the
widget the capability to use curved line segments (splines, or polynomials
perhaps) as well as straight lines and be able to output either the
equation of the curve or output a the numerical set of N values for the
curved line segment.