In article <398t20$6im@agate.berkeley.edu>, Ken Ganga <ganga@physics14> wrote:
> Hi,
>
> I'm trying to figure out how to return the cursor position from an
> event in a draw widget. I want the coordinates to be in data
> coordinates. This seems to be possible for a regular graphics window
> through the cursor command, but I can't figure out how to do it within
> a draw widget as the documentation says not to use the cursor command.
>

The event returned from clicking in a draw widget contains an X and Y
parameter. You should be able to access it through event.x and
event.y. Here's a line from one of my applications that handles the
data conversion, also:

ll = convert_coord(event.x, event.y, /device, /to_data)

In this case it is converting the device coordinates to data
coordinates from a map projection. A few lines later, the following
commands put lat and lon coordinates in strings:

latstr = 'Lat: ' + string(ll(1), format='(F12.2)')
lonstr = 'Lon: ' + string(ll(0), format='(F12.2)')

Hope that helps,

Mike Schienle   Hughes Santa Barbara Research Center
8015@sbsun0010.sbrc.hac.com   75 Coromar Drive, M/S B28/87
Voice: (805)562-7466   Fax: (805)562-7881   Goleta, CA 93117