

Calibrating

The TUIO spec states “The TUIO coordinate system is normalized for each axis and is represented by floating point numbers in the range from 0.0f to 1.0f. In order to compute the X and Y coordinates for the 2D profiles a TUIO tracker implementation needs to divide these values by the actual sensor dimension, while a TUIO client implementation consequently can scale these values back to the actual screen dimension. “

Based on the above it is our understanding that it is the responsibility of the client application to provide the calibration scaling. It is a limitation of some of the example programs not to account for the size and position of the application window and the entire dimension of the physical touch screen is scaled into the application window. In this case a real world application designed for touch (as opposed to an off screen input such as a non-interactive whiteboard, track pad etc) would need to run full screen or track its size and position and scale accordingly.

Touch-Base Support

<http://support.touch-base.com/Documentation/50225/Calibrating>