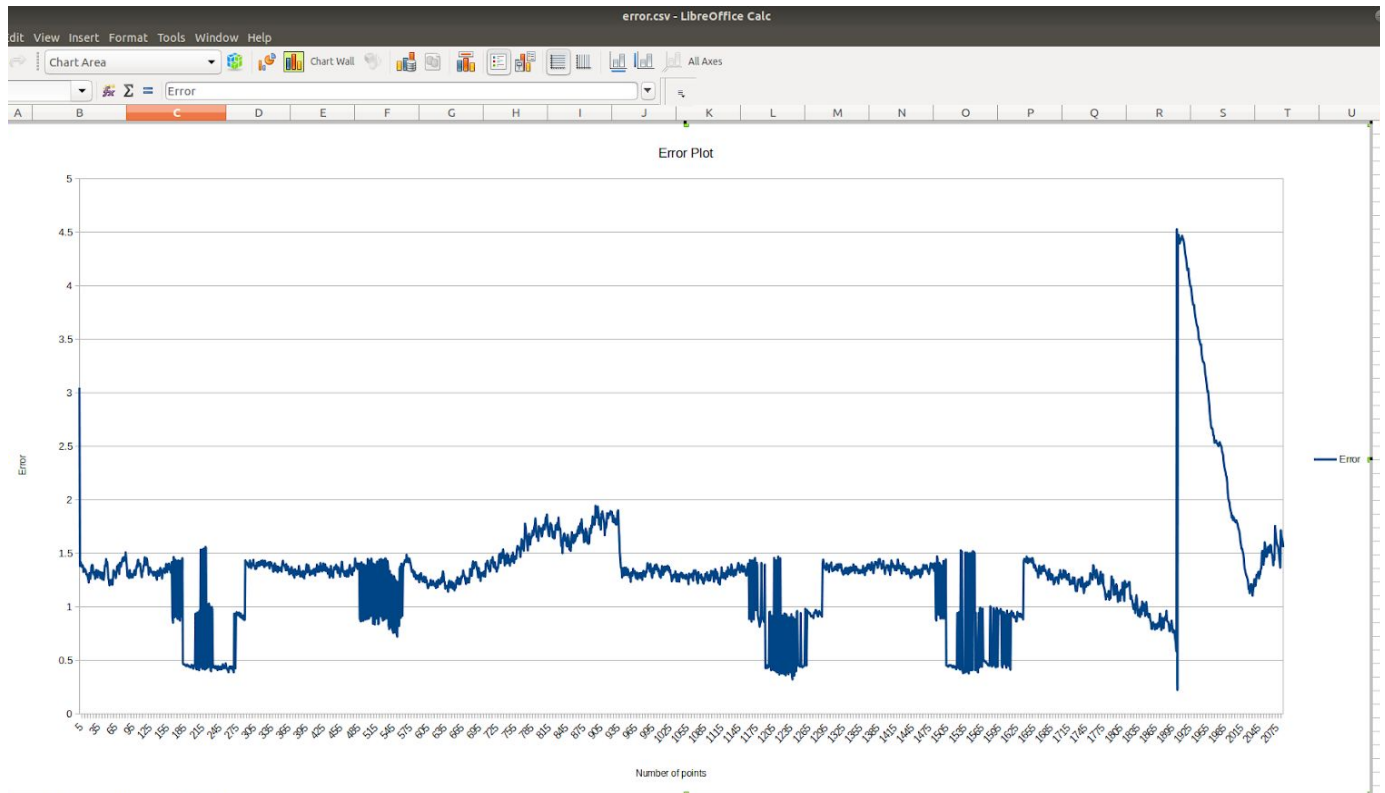


Pure Pursuit Lab

Team Name: VirtualFastKeyboardFurious

Absolute Track Error = 2743.78509341554

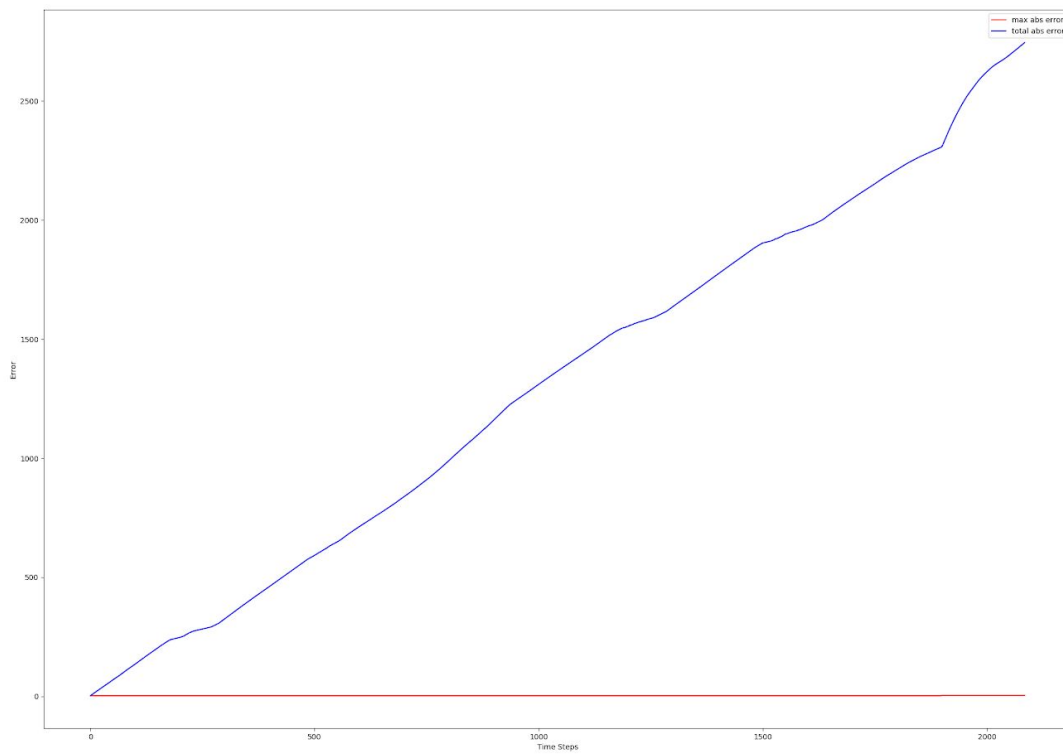
Max Error = 4.52795741087074



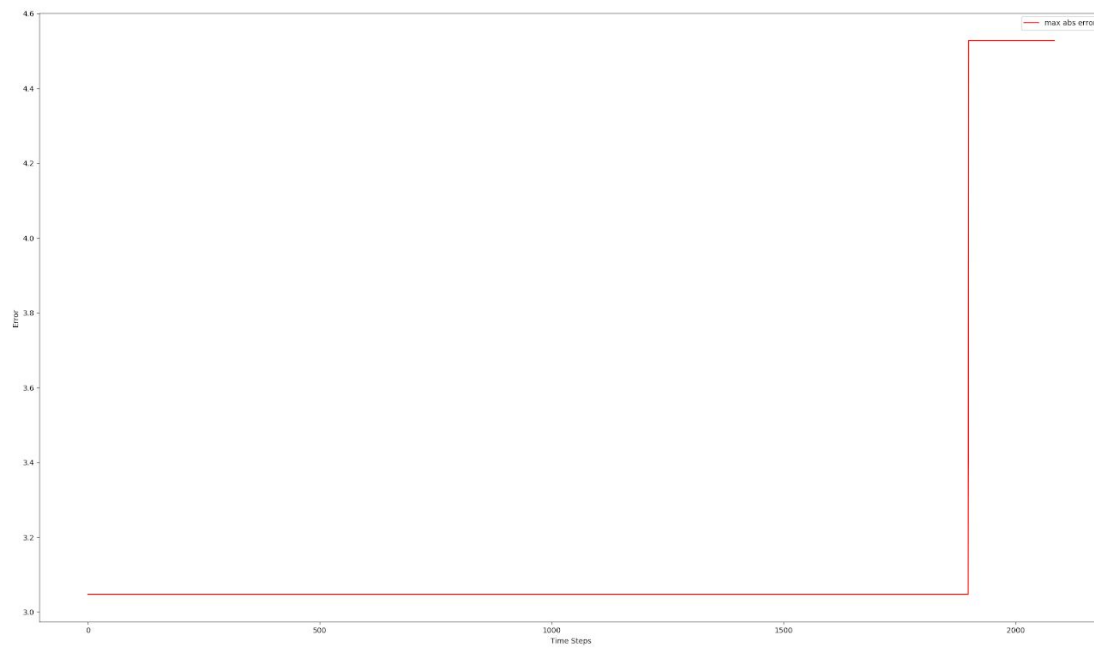
Error\_plot for the Track

The Euclidean distance error is calculated between Particle Filter Odometry estimate and desired path planned by pure pursuit algorithm.

The spike in the error at the start and almost to end is because waypoints start after some distance from the map center and that can be seen again when the robot has completed a loop and back to the same point.



Moving Sum absolute error



Max Error Plot