

file to run :

main.py - real-time visualizae(3d plot, danger-zone and rula score) using vispy

other import file :

cal_angle.py - to calculate angle & rula score (having project vector on plane, rotate_vector function)

require_func.py - having check_length_hand to check human length rule-base , depth2point to convert depth array to point cloud

function_pcd.py - for define danger-zone

mp_plot.py - to visualize 3d matplotlib , plot signal and store real,avg data for moving avg filter

config.json - store config of kinect camera (using NFOV)

intrin.json - store intrinsic of kinect camera

rula_score – store reference table of rula score