ROS2 package setup and Run

8 March 2021

This document contains the information of setup and run the ROS2. Below are the packages required for the polyverification\_suit.

Control\_Validation

Perception\_Validation

## Control Validation

Create a folder in polyverification director and named it Node.

Copy the control valudation package in Node folder and go into the package work directory and run below commands

$ cd Node/control\_valudation\_ws

$ colcon build

$ source install/setup.bash

This will set the environment variable for use the package

Test: Run the below command to the package is running or not

$ ros2 run control\_validation control\_subscriber

## Perception Validation

Create a folder in polyverification director and named it Node.

Copy the Perception valudation package in Node folder and go into the package work directory and run below commands

$ cd Node/Perception\_valudation\_ws

$ colcon build

$ source install/setup.bash

This will set the environment variable for use the package

Test: Run the below command to the package is running or not

$ ros2 run perception\_validation perception\_subscriber

## TODO

## TODO