

How to save Point Cloud Data from camera

0. OS == Ubuntu18.04

1. Environment Setting

- pip3 install OpenCV-Python==4.1.0.25
- pip install pyyaml==6.0
- pip install pyrealsense2
- pip3 install open3d
- pip install opencv-contrib-python==4.1.0.25

2. Aruco Marker

- Print out the attached marker file(3 markers.)
- Marker 101 should be placed in the corner of the rest of the markers

3. Bin setting

- bin.yml have information of size of bin.

4. Run store_workspace_info.py to make ROI.

5. Run save_pcd.py to save pcd data.

6. Pcd data will be saved in pcd_data folder.