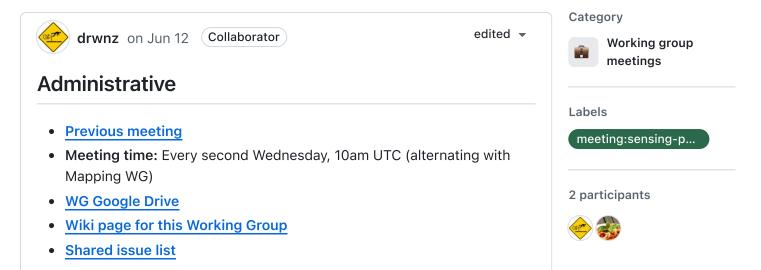


Autoware Sensing Perception Working Group Meeting 2024-06-12 #4858

drwnz started this conversation in Working group meetings



Attendees

- ▼ Chaired by David
 - Taekjin
 - Vivid
 - Kenzo
 - Koji
 - Mehmet
 - Max
 - Dai
 - Baris

Agenda

- Introduction of new attendees
- · Review of Issue List and assignment
- Review of Project Board and assignment
- Nebula update: https://github.com/tier4/nebula/tree/develop
- Pointcloud preprocessor updates: https://drive.google.com/file/d/18DgWZ2FT0Vx291qmvkPXW0J_SF630Y Rv/view?usp=drive_link

Discussion topics

- Nebula update: https://github.com/tier4/nebula/tree/develop
- - o Dai: also working on semantic segmentation with Yolo

- Any plan to use the masks in perception tasks?
- Plan to use masks for trees, ubknown objects etc.
- O David: motivation for RTMDet?
 - Performance :)
- Minoda: any issues encountered using YoloX?
 - Autoware labs task: segmentation from YoloX is not great
- Pointcloud preprocessor updates:

https://drive.google.com/file/d/18DgWZ2FT0Vx291qmvkPXW0J_SF630YRv/view?usp=drive_link

- Leodrive very interested in distortion corrector in 3D :)
- Perception Evaluation in TIER IV from Minoda: LINK
 - o Mehmet: Also an evaluation task in Autoware
- Autoware module renaming:

https://github.com/orgs/autowarefoundation/discussions/4097

- o Some header file names may hit character limit
- No strict timeline at this stage but P/C is not complete

Action items

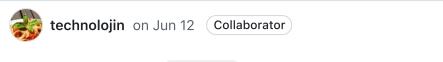
Prepare presentation for TIER IV's evaluation for next WG meeting



1 comment

Oldest Newest Top

edited -



package name prefix of autoware_

Introduction: https://github.com/orgs/autowarefoundation/discussions/4097
Working package list: #4569

- Changes:
 - o prefix autoware_ will be added to package names
 - o namespace under autoware::
- Preparation
 - investigating dependencies between repositories (for example, autoware_universe and autoware_launch)
 - modify points outside of packages
 - launchers
 - o dependencies
- Open points
 - which packages to change
 - autoware.universe/perception/*

- autoware.universe/sensing/*
- maybe not the nebula driver
- need to change the folder name contains the package?

1 2

0 replies