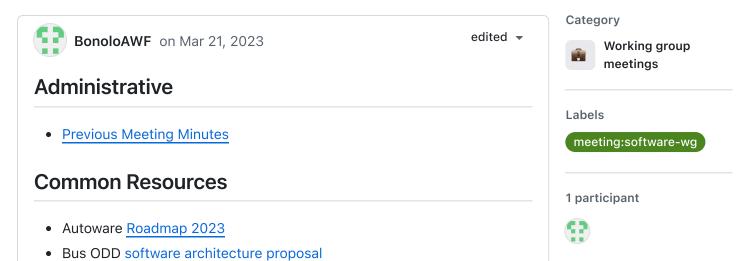


Software WG Meeting 2023/03/28 #3359

BonoloAWF started this conversation in Working group meetings



Attendees

► Chaired by Ryohsuke

Autoware.Universe

Bus ODD <u>Project Board</u>
 Autoware contributors list

- General Mar-Apr Milestone
- Bus ODD Mar-Apr Milestone
- General high priority issues not in the current milestone
- PRs waiting for review not in the current milestone/high priority.
- Autoware.Universe reported <u>bugs</u> not in the current milestone/high priority.
- Autoware design discussions and demos

Bus ODD <u>architecture design discussions</u>
Bus ODD candidate simulator comparisons

Bus ODD milestone development plan

Discussions

Announcements

- Change in SWG agenda.
- Planning to kick off new WGs:
- Planning/Control: 8am UTC on March 31st
 - o Sensing/Perception: 10am UTC on April 5th

ITRI bus integration update (In meetings with 7am UTC time slot)

- Already started working on power distribution. Expected to finish 20th of April.
- After that:
 - work on sensor integration for two weeks
 - work on autoware integration
- The positioning module is unstable for unknown reasons (rosbag2 has been provided for testing) autoware.universe#2597
 - Fatih/AutoCore helped with debugging
 - Fatih/AutoCore can run localization without a problem
 - But ITRI cannot reproduce their results
 - ITRI to use different hardware or clean install Ubuntu
 - o Fatih: it is likely to be DDS issue
 - If reinstallation of OS doesn't work, ITRI will setup remote support environment for Fatih or AutoCore
- Lucas: are you using Autoware's default docker?
 - Mike: No. ITRI is using natively installed environment

Updates from developers

Raised topics from developers

The following Discussions and Issues are blocking current Bus ODD project:

- Import and improve msgs from autoware_auto_msgs autoware_msgs#2
- <u>Document the usage of calibration tools (with a example rosbag if possible)</u> autoware-documentation#114

Decision Made:

 These issues are not blockers for Bus ODD. We will move it to a new project

Renaming Velodyne Driver

#3222 (comment)

- We are trying to generate debian packages for Autoware ROS packages
- TIER IV's velodyne packages have name conflicts with upstream velodyne debian packages
- We would like to rename the packages by adding prefix/suffix
 - e.g., awf_velodyne or velodyne_awf
- TIER IV has many products that refers to current velodyne_vls repository. We would like to have less intrusive transition plan

Approach

- 1. Transfer tier4/velodyne_vls to autowarefoundation/velodyne_vls
- 2. duplicate tier4/universe branch to awf/main branch
- 3. change package name in awf/main branch

4. Any further changes should merge into awf/main branch. When all TIER IV products migrate to awf/main, we delete tier4/universe branch.

Blocked PRs

Ahmed is waiting for reviews:

- https://github.com/orgs/autowarefoundation/discussions/3275
 - PRs: https://github.com/orgs/autowarefoundation/discussions/3275#discussioncomment-5379038
- **i** in markerarray msg visualization autoware.universe#3139

Distribution of new tasks

Action Items

- Developers to add their discussion items to the agenda for the next meeting
- Developers to share updates on their works in the next meeting



0 comments