Software WG Meeting 2023/03/28 #3359

BonoloAWF started this conversation in **Working group meetings**

BonoloAWF on Mar 21, 2023   edited ▾

Administrative

- [Previous Meeting Minutes](#)

Common Resources

- Autoware [Roadmap 2023](#)
- Bus ODD [software architecture proposal](#)
- Bus ODD [architecture design discussions](#)
- Bus ODD [candidate simulator comparisons](#)
- Bus ODD [milestone development plan](#)
- Bus ODD [Project Board](#)
- Autoware [contributors list](#)

Attendees

▶ Chaired by Ryohsuke

Autoware.Universe

- 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 [bugs](#) not in the current milestone/high priority.
- Autoware [design discussions](#) and [demos](#)

Discussions

Announcements

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

Category

💼 Working group meetings

Labels

meeting:software-wg

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1 participant

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
  - 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
- ⊙ **Document the usage of calibration tools (with a example rosbag if possible)** 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)](#3222)

- 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
- ⚡⚡ **fix: multiple markers 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

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0 comments