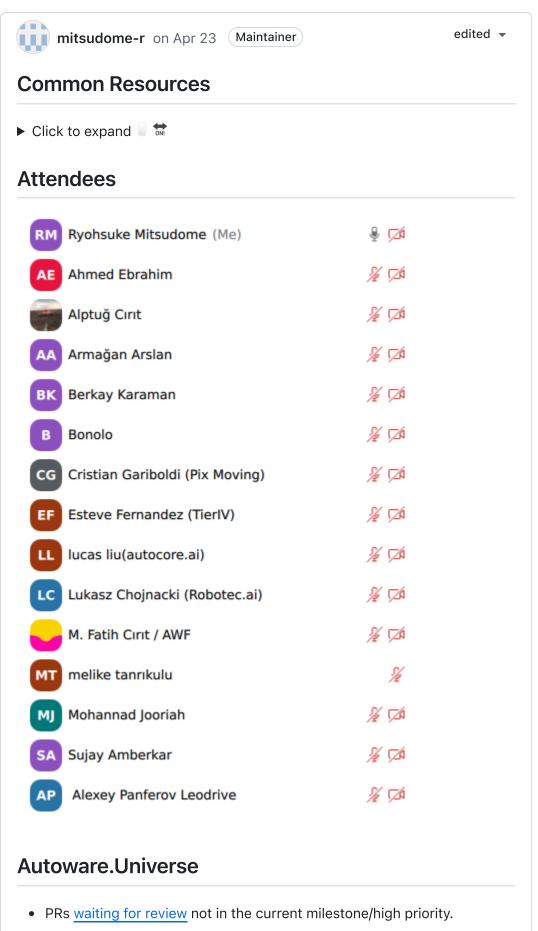
Software WG Meeting 2024/04/23 #4653

mitsudome-r started this conversation in Working group meetings



Category

- Working group meetings
- Labels
- meeting:software-wg
- 1 participant

 Autoware.Universe reported <u>bugs</u> not in the current milestone/high priority. • Autoware design discussions and demos

Discussions

Announcements

- Cristian Gariboldi sharing presentation about "Learning-based vehicle calibration for longitudinal dynamics"
 - You can share the discussion post here:
 https://github.com/orgs/autowarefoundation/discussions/categories/show-and-tell
 - We can also share the information to Planning and Control WG.
 - We already have similar function in <u>accel_brake_map_calibrator</u>, but comparison is not done yet.
- proposal on changing topic subscription implementation of some nodes in autoware
 - https://github.com/orgs/autowarefoundation/discussions/4612
 - This should improve the cpu usage efficiency

Updates from developers

Review the project board

- OPrepare open dataset for Autoware #4609 (@mitsudome-r)
 - Next step would be to update the documentation https://autowarefoundation.github.io/autowaredocumentation/main/datasets/
- <u>Implement Remaining Mission Distance and ETA Functionality and Visualization</u> #4593 (@ahmeddesokyebrahim)
 - The message better fit with
 https://github.com/autowarefoundation/autoware_internal_msgs (
 ✓ Implement Remaining Mission Distance and ETA Functionality and Visualization #4593 (comment))
- O Traffic light detection inconsistent AWSIM-Labs#55 (@mozhoku)
 - finishing review
 - o once merged, we release ver1.0
- Point cloud feature extraction for LOAM based localization autoware.universe#6741
 - Task 1 is complete
 - <u>@ataparlar</u> will investigate if we can add edge features to NDT matching rather than creating as a separate node that runs simultaneously
 - We could also create a new task to investigate the deep code explanation of ndt_scan_matcher
- O Prefix packages with autoware prefix and keep code in autoware namespace #4569 (@esteve)
 - the PRs are waiting for reviews
 - If there are no reaction from package maintainers, then maintainers (Fatih, Mitsudome) will do the test and merge.
 - We would like to make sure that the following works:

- Planning Simulator:
 https://autowarefoundation.github.io/autoware documentation/main/tutorials/ad-hoc-simulation/planning-simulation/
- AWSIM: https://autowarefoundation.github.io/autoware-documentation/main/tutorials/ad-hoc-simulation/digital-twin-simulation/awsim-tutorial/
- Create Dense Urban ODD Scenarios #4636 (Berka)
 - There is no update yet. I am currently preparing scenario list for the YTU map. After that, I will add them as test suite to ci.evaluation.

Distribution of new tasks

- Proposal for Integration and Contribution of Ouster Lidar and DURO GNSS to Autoware Repository autoware.universe#6851
- - <u>@mitsudome-r</u> to reach out igata-san to check the intention of the scenario

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