Software WG Meeting 2023/07/04 #3630

mitsudome-r started this conversation in **Working group meetings**

mitsudome-r on Jul 4, 2023 (Maintainer) 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

Update on ITRI bus integration

- Working on integration test (6/12 - 6/30)

- Perception stack working without problem now

  - raw data is 20hz, but final output localization/perception is 18-19Hz
  - Although it has small drop in frequency, it is okay for now
  - The frequency drops when other modules(e.g., rosbag) it will drop

- DriveNet & LidarNet fusion working now
- X-By-Wire testing

    - encoder is tested
    - temporary vehicle speed information is available
    - Steering device is malfunctioning
- Armagan: Which DBW system are you using?

    - Mike: The vendor is called iAuto
    - Other options for DBW shared in comment:
    - https://www.alibaba.com/product-detail/The-new-assistant-adjustable-electric-power_60814161819.html?spm=a2700.shop_index.84.12.20751af9LNFaIF
    - https://caijing.chinadaily.com.cn/a/202304/07/WS642fb730a3102ada8b237356.html

Announcements

Updates from developers

AutoCore Vehicle Tests

- AutoCore has done 5 more tests
    - https://github.com/orgs/autowarefoundation/discussions/3621
    - https://github.com/orgs/autowarefoundation/discussions/3623
    - https://github.com/orgs/autowarefoundation/discussions/3624
    - https://github.com/orgs/autowarefoundation/discussions/3620
    - https://github.com/orgs/autowarefoundation/discussions/3622
- For the future tests, AutoCore can use [2023.06 tag](#) as a fixed branch

Autoware base class

- AutoCore left a comment in the discussion. Fatih to answer them today.
- https://github.com/orgs/autowarefoundation/discussions/3194#discussioncomment-6272707

Q&A Discussions

- 3629
    - **@mitsudome-r** to reply later
- 3628
    - Ask to planning/control engineers for the latest configuration
- 3625
    - **@mitsudome-r** to answer later
    - At the moment, I don't think Orin is capable of running full-stack Autoware
    - Maybe possible by reducing nodes with high computational requirements.

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