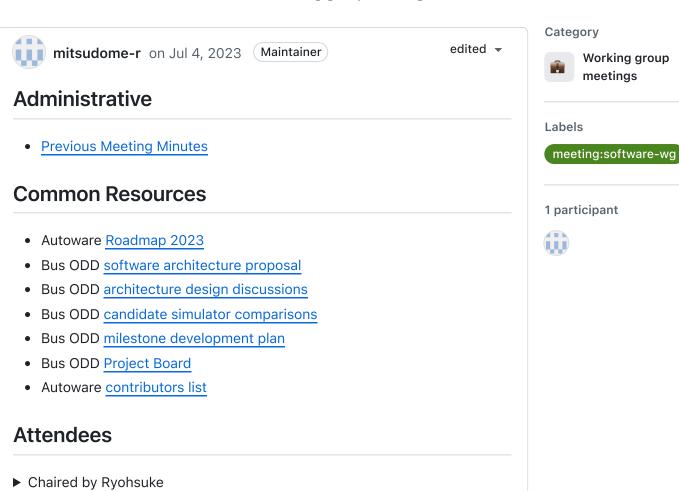


# Software WG Meeting 2023/07/04 #3630

mitsudome-r started this conversation in Working group meetings



# 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 <u>bugs</u> 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

- o DriveNet & LidarNet fusion working now
- X-By-Wire testing
  - o encoder is tested
  - o temporary vehicle speed information is available
  - Steering device is malfunctioning
- Armagan: Which DBW system are you using?
  - o 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.84.12.20751af9LNFalF
  - https://caijing.chinadaily.com.cn/a/202304/07/WS642fb730a3102ad a8b237356.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.
- <a href="https://github.com/orgs/autowarefoundation/discussions/3194#discussioncomment-6272707">https://github.com/orgs/autowarefoundation/discussions/3194#discussioncomment-6272707</a>

## **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



# 0 comments