

# Software WG Meeting 2024/03/12 #4536

mitsudome-r started this conversation in Working group meetings



mitsudome-r on Mar 12

Maintainer

edited by xmfcx ▾

## Administrative

- [Previous Meeting Minutes](#)

## Common Resources

- Autoware [Roadmap 2024](#)
- Autoware [contributors list](#)

## Attendees

► Chaired by Ryohsuke

## Autoware.Universe

- 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

## Updates from developers

### Next step on Autoware Labs?

- <https://github.com/orgs/autowarefoundation/discussions/4169>
- Plan out tasks
  - Populate Autoware Core
  - Make perception data-driven rather than rule-based
    - Prepare common dataset
    - Set evaluation metrics
      - <https://docs.roboflow.com/annotate/automated-annotation-with-autodistill>
      - Try <https://github.com/HuangJunJie2017/BEVDet>
  - Improving overall performance
    - reducing latency

### Category



Working group meetings

### Labels

meeting:software-wg

1 participant



- [🔗 feat\(reaction\\_analyzer\): add reaction analyzer tool to measure end-to-end delay in sudden obstacle braking response](#) [autoware.universe#5954](#)
- Lucas: we would like to improve the performance on latency and cpu usage
- simplifying launch file of Autoware
- improve cpu/memory usage
- Prepare simulation CI for Autoware
  - Prepare scenarios for dense urban situation
    - Samet: what kind of scenarios are you expecting? how many scenarios?
    - Fatih: We will use TIER IV's scenario editor to write scenarios. Maybe ~200 scenarios.
  - Setting up [AWF AWSIM](#)
    - more sensors
    - hotkeys
    - faster simulation
    - <https://tier4.github.io/AWSIM/GettingStarted/UsingOpenSCENARIO/>
- Improve GUI
- Any additional proposal is welcome (please comment in the [original discussion post](#))
- call for participation
- due date: by the next TSC (2024/03/20)

## Enhancing Autoware Visualization

- [👍 Enhancing Autoware Visualization with QT5CT for Unified and Improved Aesthetics](#) [#4534](#)
- Looking for feedback

## Update on Autoware docker workflow was merged

- [🔗 feat\(docker\): re-organize the autoware docker containers](#) [#4072](#)
- For docker users, please use <https://github.com/autowarefoundation/autoware/pkgs/container/autoware-openadk> in the future.
- Should we make announcements?
  - We can make a post in Discussions with migration guide and wait for a couple of months to archive the old autoware-universe images.
- Should we try using GitHub Runners for universe CIs?
  - it's already using GitHub Runner
  - 2GB left after build-and-test workflow: <https://github.com/autowarefoundation/autoware.universe/actions/runs/8243220824/job/22543432756>
  - We can introduce disk clean up function in the future (but low priority for now)

## Reduction of excessive logs

- [🕒 Reduce excessive error and warning logs on Autoware launch autoware.universe#5539](#)
- We would like to keep it clean as possible.
- Please make sure that unnecessary outputs are not included in the future PRs.

## Distribution of new tasks

## Action Items

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

↑ 1

0 comments