Software WG Meeting 2024/03/12 #4536

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

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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

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1 participant

- - - - **feat(reaction_analyzer): add reaction anaylzer 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

- 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