

Software WG Meeting 2023/09/12 #3828

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



mitsudome-r on Sep 12, 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

Announcements

Updates from developers

ITRI Bus Integration

- tests with DBW system are done
- The battery still has an issue, but are doing small tests

Category



Working group meetings

Labels

meeting:software-wg

1 participant



- doesn't have the timeline to replace the battery yet.
- Working on planning issue
 - behavior planning crashes on real vehicle, although it works in simulation environment.
 - possible tf frame_id issue.
 - does '/' matter?
 - In general, it shouldn't start with '/'
- We will have a meeting with SPC to discuss demo shooting.

Autoware Release Process

- [@mitsudome-r](#) created an issue to track progress of the release
- [🔗 Release Autoware Version 1.0 #3827](#)
- Any help/suggestions regarding release process is welcome

Use of TVM dependency packages

- [🔗 build\(tvm_utility\): remove download logic from CMake and update documentation autoware.universe#4923](#)
- TVM packages require artifacts to be downloaded before build time.
- How should we proceed?
 - make the build of this package optional
 - add default model to the repository so that build passes
 - just download the header file from the artifact that is necessary for building the package and push it to autoware.repository. The model file can be downloaded separately by a user just like onnx files.
 - we can further make the header file into a separate package.
 - any other workaround?
 - we can check with [@ambroise-arm](#)

Distribution of new tasks

- [🔗 build\(CUDA\): upgrade CUDA versions #3084](#)
 - Test the CUDA 12 with latest tensorrt versions with all ML based packages.
 - Update the dependencies in ansible and docker containers etc.
 - Draft PR available [🔗 build\(CUDA\): update CUDA repo OS, and use nvidia/cuda image as a cuda_base_image #3684](#)
 - Build check is done, but we still need performance check on perception modules
 - [@mitsudome-r](#) to ask perception developers if there are any data that we can use for testing.]
 - How urgent is this issue?
 - It would make Open AD Kit easier to reduce the size of docker image.

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