# Software WG Meeting 2023/12/19 #4066

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

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👤 **mitsudome-r**  on Dec 19, 2023   ( Maintainer )       **edited by esteve** ▾

## 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

- Meeting for next week?
  - We will skip December 26th and January 2nd meeting.
  - The next WG meeting will be on January 9th.

### Updates from developers

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### Category

💼 Working group meetings

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### Labels

meeting:software-wg

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### 1 participant

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**Update on Debian package release**

- Needs updates in include directory structures for debian package generation.
  - https://autowarefoundation.github.io/autoware-documentation/main/contributing/coding-guidelines/ros-nodes/directory-structure/#include
  - https://docs.ros.org/en/rolling/How-To-Guides/Ament-CMake-Documentation.html#adding-targets
  - There are packages that does't follow this convention so **@esteve** is working on fixing them.
- The namespace is also missing in a lot of packages. Google Coding Style Guide suggest to put at least the project name as a namespace.
  - **@esteve** will also create an issue for this. Issue ⊙ **Packages should put their headers directory in a directory named after the package** #4070
  - This should be fixed before the release
    - We can make the release with current code as ver1.0 without debian package, then release ver1.1 once deb packages are ready.

**Splitting tools packages**

- https://github.com/orgs/autowarefoundation/discussions/4067

**Follow-up from the previous meeting on improving planning/perception modules**

- Armagan: are there any progress on the topic?
  - Ryohsuke: At least we will have the planning engineer to replace the obstacle_cruise_planner with obstacle_stop_planner and reduce the default maximum velocity to 15km/h
  - Ryohsuke: For the further steps to make improvements to make velocity limit higher, we still need to plan out.
  - Fatih: I will create a list of issues that should be resolved to update the system.
- Armagan: I would like to have simulator providing ground truth object recognition result to make planning work first. Then, we can ask perception team to update perception
- Fatih: We should first have to come up with a metrics and goals(e.g., delay) for the performance of perception to control pipeline.
- Armagan: We should join simulation WG to ask if we can have AWSIM publish ground truth perception output.

## 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