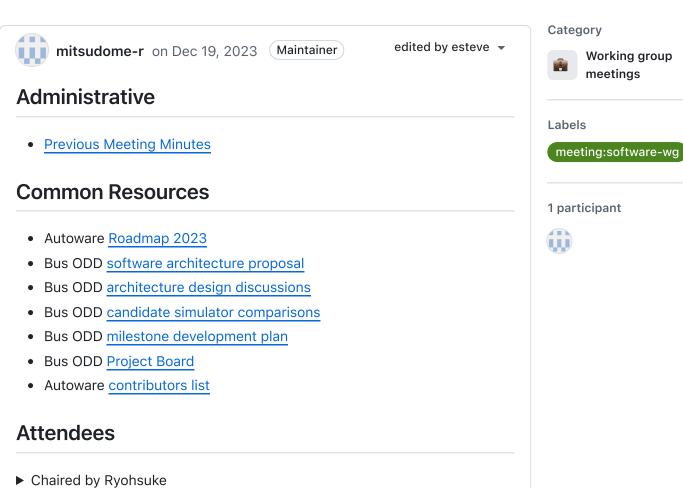


Software WG Meeting 2023/12/19 #4066

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

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

Update on Debian package release

- Needs updates in include directory structures for debian package generation.
 - https://autowarefoundation.github.io/autowaredocumentation/main/contributing/coding-guidelines/rosnodes/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.
 - <u>@esteve</u> will also create an issue for this. Issue <u>Packages should</u>
 <u>put their headers directory in a directory named after the</u>
 <u>package</u> #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