Create api for vehicle information #3226

New issue

⊘ Closed   ⊙ 4 of 5 tasks   isamu-takagi opened this issue on Jan 25, 2023 · 1 comment

isamu-takagi commented on Jan 25, 2023 · edited ▾   Contributor

Checklist

- ☑ I've read the contribution guidelines.
- ☑ I've searched other issues and no duplicate issues were found.
- ☑ I've agreed with the maintainers that I can plan this task.

Description

Now Autoware doesn't have a vehicle information API. This API will be used by the application to get such as door layouts and operating time related to vehicle status.

Purpose

Clarify the interface for vehicle information.

Possible approaches

Define these interfaces.

- door layout
- energy level
- max tire angle
- wheelbase

Door layout

Door status will be provided in vehicle status API. This API provides the following information.

- number of doors
- name of each door
- ~~pose of each door~~
- ~~size of each door~~

Energy level

Assignees

👤 tkhmy

👤 isamu-takagi

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

No branches or pull requests

2 participants

👤 👤

Energy levels will be provided as a percentage in vehicle status API. This API provides the following information, and the application can estimate the remaining operating time with vehicle status.

- energy type (e.g. battery, fuel)
- max value and unit (e.g. 10 [J], 10 [Wh], 10 [L])
- approximate operation time
- approximate driving distance

Definition of done

- ☑ Create specification.
- ☐ Create default implementation.

👤 **isamu-takagi** assigned **tkhmy** and **isamu-takagi** on Jan 25, 2023

→ **isamu-takagi** transferred this issue from autowarefoundation/autoware.universe on Jan 25, 2023

↗ **isamu-takagi** mentioned this issue on Feb 1, 2023

feat(autoware_adapi_v1_msgs): add vehicle status msgs ⟨ Merged ⟩

autowarefoundation/autoware_adapi_msgs#24

📋 7 tasks

↗ **isamu-takagi** mentioned this issue on Feb 14, 2023

feat(autoware_adapi_v1_msgs): add geometry shape message ⟨ Closed ⟩

autowarefoundation/autoware_adapi_msgs#26

📋 7 tasks

isamu-takagi commented on Feb 15, 2023 ⟨ Contributor ⟩ ⟨ Author ⟩

autowarefoundation/autoware-documentation#317

↗ **mitsudome-r** mentioned this issue on May 31, 2023

docs(ad-api): add use cases of vehicle status ⟨ Merged ⟩

autowarefoundation/autoware-
documentation#381

4 tasks

isamu-takagi closed this as <u>completed</u>
on Jul 12, 2023