

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 completed
on Jul 12, 2023
