

Autoware prebuilt image - Vehicle does not move #3728

Unanswered **pandyah** asked this question in Q&A



pandyah on Aug 10, 2023

edited ▾

Hi,

I am trying to start the pre-build docker image on Ubuntu 18.04 with NVIDIA GPU based on the below link.

<https://autowarefoundation.github.io/autoware-documentation/main/installation/autoware/docker-installation-prebuilt/>

The RVIZ comes up and able to select the initial pose and goal pose. However the vehicle does not move.

Also tried sending the service request

```
ros2 service call /api/operation_mode/change_to_autonomous
autoware_adapi_v1_msgs/srv/ChangeOperationMode {}
waiting for service to become available...
requester: making request:
autoware_adapi_v1_msgs.srv.ChangeOperationMode_Request()

response:
autoware_adapi_v1_msgs.srv.ChangeOperationMode_Response(status=auto
code=1, message='The mode change is blocked by the system.'))
```

Below are the errors received on the console

```
[component_container_mt-34] [INFO] [1691644257.823938135]
[default_ad_api.node.operation_mode]: server call:
/api/operation_mode/change_to_autonomous
[component_container_mt-34] [INFO] [1691644257.824096983]
[default_ad_api.node.operation_mode]: server exit:
/api/operation_mode/change_to_autonomous
[service_log_checker-2] [ERROR] [1691644257.824263589]
[system.service_log_checker]:
/api/operation_mode/change_to_autonomous: status code 1 'The mode
change is blocked by the system.'
(/default_ad_api/node/operation_mode)
[component_container-33] [INFO] [1691644257.852510642]
[control_trajectory_follower.lane_departure_checker_node]:
waiting for reference_trajectory msg...
[component_container-33] [INFO] [1691644258.703033654]
[control_trajectory_follower.controller_node_exe]: Waiting for
trajectory.
[component_container-33] [INFO] [1691644258.703113467]
[control_trajectory_follower.controller_node_exe]: Control is
skipped since input data is not ready.
[system_error_monitor-16] [ERROR] [1691644255.312862312]
[system_error_monitor
/autoware/control/autonomous_driving/node_alive_monitoring]:
```

Category



Q&A

Labels

None yet

2 participants



```
[Single Point Fault]: Error
[system_error_monitor-16] [ERROR] [1691644255.312922958]
[system_error_monitor
/autoware/control/autonomous_driving/node_alive_monitoring/topic_status/
control_topic_status]: [Single Point Fault]: Error
[system_error_monitor-16] [ERROR] [1691644255.312933852]
[system_error_monitor
/autoware/control/autonomous_driving/node_alive_monitoring/topic_status/
control_topic_status]: [Single Point Fault]: Error
[system_error_monitor-16] [ERROR] [1691644255.312949897]
[system_error_monitor /autoware/planning/node_alive_monitoring]:
[Single Point Fault]: Error
[system_error_monitor-16] [ERROR] [1691644255.312957441]
[system_error_monitor
/autoware/planning/node_alive_monitoring/topic_status/topic_state_monitoring/
planning_topic_status]: [Single Point Fault]: OK
[system_error_monitor-16] [ERROR] [1691644255.312965041]
[system_error_monitor
/autoware/planning/node_alive_monitoring/topic_status/topic_state_monitoring/
planning_topic_status]: [Single Point Fault]: Error
[system_error_monitor-16] [ERROR] [1691644255.312972486]
[system_error_monitor
/autoware/planning/performance_monitoring/trajectory_validation]:
[Single Point Fault]: Error
[system_error_monitor-16] [ERROR] [1691644255.312980999]
[system_error_monitor
/autoware/planning/performance_monitoring/trajectory_validation/trajectory_validation/
trajectory_validation_acceleration]: [Single Point Fault]:
acceleration is too large
[system_error_monitor-16] [ERROR] [1691644255.312990105]
[system_error_monitor
/autoware/planning/performance_monitoring/trajectory_validation/trajectory_validation/
trajectory_validation_curvature]: [Single Point Fault]: curvature
is too large
[system_error_monitor-16] [ERROR] [1691644255.312998213]
[system_error_monitor
/autoware/planning/performance_monitoring/trajectory_validation/trajectory_validation/
trajectory_validation_deceleration]: [Single Point Fault]:
deceleration is too large
[system_error_monitor-16] [ERROR] [1691644255.313004712]
[system_error_monitor
/autoware/planning/performance_monitoring/trajectory_validation/trajectory_validation/
trajectory_validation_finite]: [Single Point Fault]: infinite
value is found
[system_error_monitor-16] [ERROR] [1691644255.313010970]
[system_error_monitor
/autoware/planning/performance_monitoring/trajectory_validation/trajectory_validation/
trajectory_validation_interval]: [Single Point Fault]: points
interval is too long
[system_error_monitor-16] [ERROR] [1691644255.313029620]
[system_error_monitor
/autoware/planning/performance_monitoring/trajectory_validation/trajectory_validation/
trajectory_validation_lateral_acceleration]: [Single Point
Fault]: lateral acceleration is too large
[system_error_monitor-16] [ERROR] [1691644255.313038935]
[system_error_monitor
/autoware/planning/performance_monitoring/trajectory_validation/trajectory_validation/
trajectory_validation_relative_angle]: [Single Point Fault]:
relative angle is too large
[system_error_monitor-16] [ERROR] [1691644255.313047635]
[system_error_monitor
/autoware/planning/performance_monitoring/trajectory_validation/trajectory_validation/
trajectory_validation_steering]: [Single Point Fault]: expected
steering is too large
[system_error_monitor-16] [ERROR] [1691644255.313054155]
```

```
[system_error_monitor
/autoware/planning/performance_monitoring/trajectory_validation/tra:
trajectory_validation_steering_rate]: [Single Point Fault]:
expected steering rate is too large
[system_error_monitor-16] [ERROR] [1691644255.313060663]
[system_error_monitor
/autoware/planning/performance_monitoring/trajectory_validation/tra:
trajectory_validation_steering_rate]: [Single Point Fault]:
expected steering rate is too large
[system_error_monitor-16] [ERROR] [1691644255.313067221]
[system_error_monitor
/autoware/planning/performance_monitoring/trajectory_validation/tra:
trajectory_validation_velocity_deviation]: [Single Point Fault]:
velocity deviation is too large
```

Please let me know if anyone else is also facing the same issue.
Thanks for the help.

↑ 1

1 comment

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rsasaki0109 on Aug 24, 2023

Collaborator

edited ▼

What is the status of AutowareStatePanel in rviz?

autoware-state.md

https://github.com/autowarefoundation/autoware.universe/blob/main/system/default_ad_api/document/autoware-state.md#conversion

↑ 1

0 replies