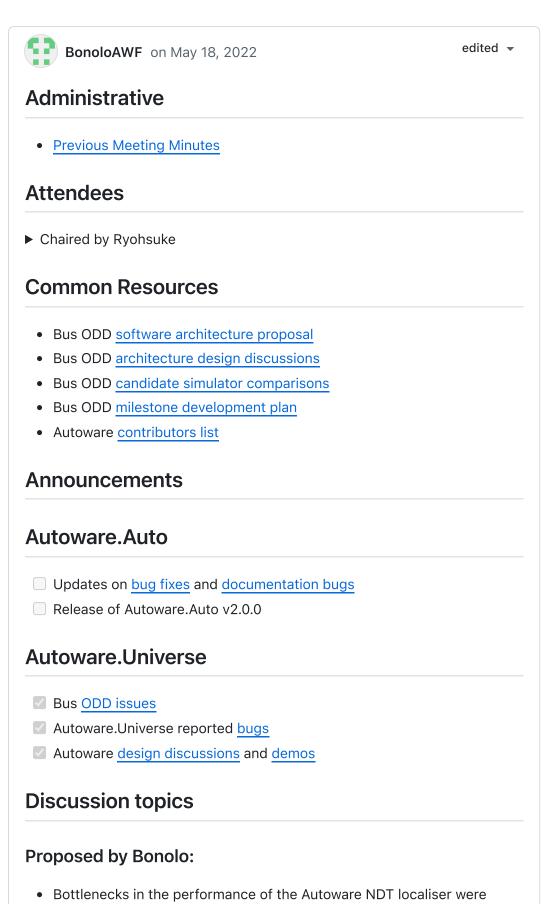


Autonomy Software WG Meeting 2022/05/24 #2608

BonoloAWF started this conversation in Working group meetings



identified in

Working group meetings

meeting:software-wg

1 participant

Labels



https://gitlab.com/autowarefoundation/autoware.auto/AutowareAuto/-/issues/1479

Ryohsuke - The authors should check whether the <u>OpenMP implementation</u> satisfies their requirements. I think we would like to have similar test on different platforms (e.g. Nvidia Jetson) as a reference.

Related issue: autowarefoundation/autoware.universe#602

Action Items

<u>@xmfcx</u> to create an issue to test the existing lidar-only perception pipeline with the data provided ♥ Collect raw sensor data to test
sensor drivers autoware.universe#562 (comment)
<u>@hatem-darweesh</u> to prepare presentation slide about OpenPlanner for the next ASWG call
@mitsudome-r to propose to ODD WG about adding parking scenario
for Bus use cases if it is included in ITRI's course.

Review of Issues and Discussions

The following Discussions and Issues were highlighted:

- Use crosswalk traffic light signal in behavior planning module autoware.universe#937 - improves decision making by adding traffic light signals, check the PR for algorithm implementation details
- Run Lidar Centerpoint with TVM autoware.universe#908 Esteve is working on TVM integration. We need assistance, writing the library. from engineers who are familiar with both TensorRT and TVM
- Goal pose is not aligned to the map autoware.universe#711 in progress
- Add another crop_box_filter node autoware.universe#703 node was transferred from Autoware.Auto, waiting for review
- Collect rosbag of sensor data for camera autoware.universe#680 will be followed up at the on-vehicle testing meeting next week
- Implement any missing calibration tools autoware.universe#679 the tools available for calibration should be added to the docs
- Add YOLO Custom Dataset Handler autoware.universe#610 Fatih
 will create the repo
- Add TVM inference capability autoware.universe#628 related to
 Run Lidar Centerpoint with TVM autoware.universe#908
- Evaluate performance of localization
 pipeline autoware.universe#602 pointcloud map was created from
 KITTI dataset, issues with the converted rosbag were noted
- Evaluate performance of object detection
 pipeline autoware.universe#565
 - PR waiting for review, more metrics should be integrated in future
- Unreasonable freespace planning area in parking scenario autoware.universe#947 - needs further investigation
- Show UVC camera ID #313 we are open to supporting new camera hardware

0 comments