

2023-11-22 Simulation Working group Meeting #4014

WJaworskiRobotec started this conversation in **Working group meetings**



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Collaborator

edited ▾

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- [Bus ODD E2E Simulator Requirements](#)

Recording from the meeting

<https://drive.google.com/drive/folders/1IX3h2MLvs3TTncQrnvm3kCNRmbXHyyp12>

Agenda Summary

- AWSIM and SS2 integration
 - [AWSIM <-> scenario_simualtor_v2 connection tier4/AWSIM#219](#)
- AWSIM + AWF verification
 - [Design of Autoware + AWSIM evaluation procedure autoware-projects#70](#) (comment)
 - [Integration of ITRI campus with ITRI bus and Autoware - AWSIM autoware-projects#40](#) (comment)
 - Tsutake-san : Should we modify a LL2 or 3D model ? 3D model might be much more difficult
 - usually we start with LL2 and then create a matching 3D model
 - we need to investigate if it can be simply done other way around
 - Mitsudome-san: LL2 shared by ITRI is correct, worked on the real vehicle
 - Wojciech: We will discuss it internally at Robotec and handle this issue as our contribution
 - Tsutake: If noone is going to run the same tests in reality and AWSIM, then there is no need to use the same LL2

Category



Working group meetings

Labels

meeting:simulation...

1 participant



- Mitsudome: for scenario testing it might be enough, but obviously it would be better to have a true digital twin. In this case I'm fine with having different LL2s
- Action Point: Robotec to discuss how to handle this issue
- Kashiwanoha 3D map improvements and sharing with AWF
 - Tsutake-san : the plan is to share the Kashiwanoha map by the end of December
 - The LL2 and visual aspects will be similar, most of improvements are related to performance.
 - Igata-san : We also have some scenarios from Kashiwanoha map, these could be added to the set of scenarios for Autoware verification.
 - Igata-san: LL2 and PCD map can be checked in the evaluator for each scenario.
 - LL2's need to be verified with new 3D model of Kashiwa, to find which one is correct / can work with AWSIM.
 - Action Point: Robotec can test SS2 - AWSIM - Kashiwa before public release.
- ROSCon x AWSIM learnings (Wojciech)
 - Probably it would be a good idea to advertise AWSIM more in the US
- Mistudome-san : Is there a plan to release a new AWSIM with the SS2 support?:
 - Tsutake-san: we are planning to make a new release, but not decided yet if it's going to contain a SS2 support.
- CJ: I got contacted by the company : <https://repli5.com/> , probably a good match for map generation

↑ 1

0 comments