Simulation Working Group Meeting 2024/09/25 #5280

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

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xmfcx on Sep 25   [Maintainer]   edited ▾

Useful links

Previous Meeting Minutes

[2024-08-14 Simulation Working Group Meeting](#)

Issue Board

[AWF Simulation Working Group Issue Board](#)

Wiki Pages

- [Bus ODD E2E Simulator Requirements](#)

Recording from the meeting

https://drive.google.com/drive/folders/1IX3h2MLvs3TTncQrnvm3kCNRmbXHyp12

Agenda Summary

- Tier IV AWSIM:

  - snow Lidar simulation feature, private
    - It's more like a template to support interface

- ⎇ [fix(lidar): change point cloud format from PointXYZIRCEADT to PointXYZIRCAEDT](#) tier4/AWSIM#357

- ⎇ [fix: do not spawn NPC Vehicle when is closer than X to EGO](#) tier4/AWSIM#355

  - Don't spawn npc's very close to the ego vehicle

- ⎇ [fix GeoCoordinate parameter accessibility from inspector](#) tier4/AWSIM#350

  - Adds lat lon alt to world origin geo coordinate field

- ⎇ [Remove pedestrian duplicates from Autoware scene](#) tier4/AWSIM#344

  - duplicate pedestrians in the same place

Category

🗂 Working group meetings

Labels

`meeting:simulation...`

1 participant

🟡

- ⎇ **fix(NPCVehicleCognitionStep): add isCloseEachOther check** tier4/AWSIM#337

    - also improves the traffic performance by distance check

- ⎇ **Added Sensor (Lidar and Imu) Test** tier4/AWSIM#321

    - CI

- ⎇ **Update Ros2ForUnity asset and add service hanling** tier4/AWSIM#343

    - AWSIM supports service communication now

- ⎇ **Fix VehicleRos2Input causing SilentError in binary AWSIM** tier4/AWSIM#342

    - Fix crash when nan values are sent from autoware

- AWSIM Labs:

    - ⎇ **fix: ego position update** AWSIM-Labs#156
    - ⎇ **feat: vehicle dashboard** AWSIM-Labs#151
    - ⎇ **docs: remove pedal map step** AWSIM-Labs#153
    - ⎇ **fix: add null checks when accessing camera components** AWSIM-Labs#150
    - ⎇ **fix: vehicle initial gear** AWSIM-Labs#145
    - ⎇ **feat: add ss2 scene to launch setup** AWSIM-Labs#142
    - ⎇ **fix: traffic manager reference** AWSIM-Labs#143
    - ⎇ **feat: VPP CE Integration** AWSIM-Labs#116
        - https://www.youtube.com/watch?v=oTl1rWWoBQw
    - https://autowarefoundation.github.io/AWSIM-Labs/main/GettingStarted/ParkingArea/
    - ⎇ **feat: interactive mode for rviz npcs** AWSIM-Labs#132

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0 comments