2022-04-13 Simulation Working Group meeting #2522

WJaworskiRobotec started this conversation in Working group meetings

WJaworskiRobotec on Apr 14, 2022   `Collaborator`

General discussion:

- Tsutake-san and Sugwan prepared demo simulators for performance benchmarking
- Wojciech ran all simulators on the same computer to compare process of running and performance of the sensors
  - Performance results shared during the call and uploaded to the google drive : https://drive.google.com/drive/folders/1L8iRq4vGrRNYUGwb_CcBN9dimcNZFxaJ
  - More description, videos and rosbags will be prepared before TSC and shared on Discord
- Discussion about sharing simulators with AWF community
  - Tsutake-san will share the new application with the community
  - Sugwan will prepare demo application and also cloud version to share with the community
- Metric calculation nodes development
  - Robotec will take this task instead of ARM that was assigned previously
  - Tsutake-san asked about integration of nodes with SS2
    - It will be very useful to integrate with the scenario runner
    - Will be done as the next step after nodes are created
  - Co-chair discussion
    - Joseph Fernando (ARM) can no longer be a co-chair of the Simulation WG
    - Replacement will be discussed with TSC chair
  - Sugwan created new issue about about automated verification of compatibility of the simulators with Autoware
    - ⊙ **Define Test Procedures to check Simulator's Compatibility with Autoware** autoware-projects#21
    - TierIV has some experience with integration, Tsutake-san might help with this task
    - Discussion about multiple Autoware versions : AWF Universe is currently official and the only version of Autoware that should be supported

Action Items

Category

💼 Working group meetings

Labels

`meeting:simulation...`

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1 participant

- Wojciech to finalize and upload all the materials comparing the simulators
- Wojciech to create final comparison presentation for TSC
- Robotec will start working on the issue : ✓ **Metric calculation node development** autoware-projects#11
- Sugwan to start working on the issue ⊙ **Define Test Procedures to check Simulator's Compatibility with Autoware** autoware-projects#21

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0 comments