Orin (autoware) + x86　awsim　#3625

Unanswered | **Autostone-c** asked this question in **Q&A**

Autostone-c on Jul 1, 2023

hi　Recently, I run autoware　awsim-stable　on Orin　and run the AWSIM simulation platform on another x86　dell-precision　, but running autoware on Orin has poor performance, and path planning and traffic light recognition were basically impossible. Where should I optimize this performance

↑ 1

Category

🙏 Q&A

Labels

None yet

2 participants

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greensky0802 on Oct 12, 2023 | Collaborator

@Autostone-c How is your Orin system built? What is the CUDA version? Have you started all the function nodes of the Autoware. Universe on Orin?

↑ 1   7 replies

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Autostone-c on Oct 13, 2023 | Author

good job.
Have you completed the cross machine communication debugging yet? And are the scenarios in Autoware fully functional?

greensky0802 on Nov 7, 2023 | Collaborator

Yes, we use cyclone dds to communication among orin, orinnx and PC. only validated cruise and simply obstacle avoidance currently.

Autostone-c on Nov 7, 2023 | Author

i have done PC and single orin. and the scenarios in Autoware fully functional is good.
I don't have experience deploying autoware in double orin. Can you share your experience

greensky0802 on Nov 17, 2023 Collaborator

Is the computational power sufficient with a single orin   I used the dual orin because of computational power issues.Have you done deep optimization

Autostone-c on Nov 20, 2023 Author

Single orin is sufficient, but my goal is the same as yours, deploying on dual orin