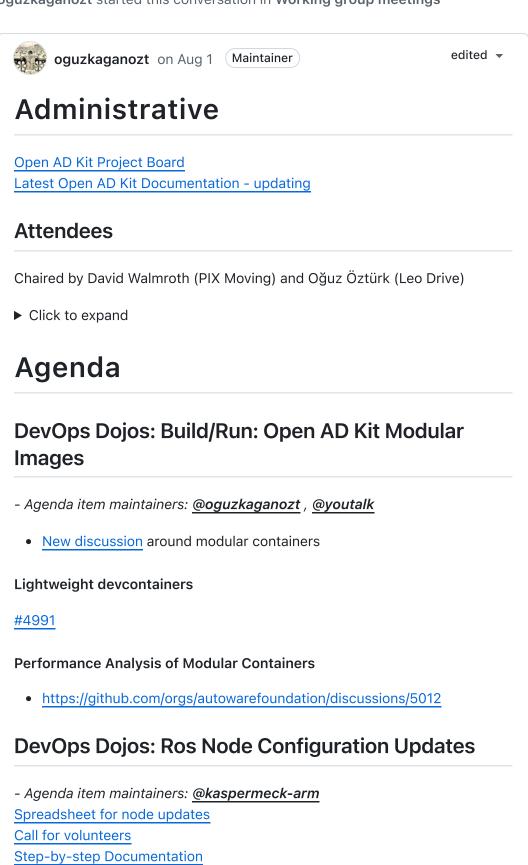


Open ADKit Working Group Meeting 01/08/2024 #5058

oguzkaganozt started this conversation in Working group meetings



Category Working group meetings Labels meeting:openadkit-... 1 participant

Step-by-step Video Tutorial

Spreadsheet updates

Technical Optimizations for Container Management

- Agenda item maintainers: @youtalk , @oguzkaganozt
 - Enable docker caching for docker builds
 - Re-working dependencies to reduce the size of the containers and for making maintenance easier
 - The list of Top 25 ROS nodes that includes most <depend> tags
 - Last years's huge PR related -> \(\frac{1}{6} \) build: remove unused depend
 in package.xml files autoware.universe#3606
 - Example of the motivation

Open AD Kit Bugs & Feature Requests

- Agenda item maintainers: @idorobotics, @oguzkaganozt
 - Assess open-ad-kit related bugs, issues or feature requests from community channels (github, discord, or other platforms)
 - Missing environment variables

 Missing environment variables in devel Docker container #4896
 - A documentation <u>bug</u> will be resolved with this <u>PR</u>

2024 Demo Planning and Activities

- Agenda item maintainers: <u>@HamburgDave</u>, <u>@samet-kutuk</u>
 - AutoTech Detroit (June 5-6):
 https://docs.google.com/presentation/d/1UD_0tlhRgfjmQami1nyKxh5feY
 5TGre4YTOAG1AZWik/edit?usp=sharing
 - (Potential) AVTE California / Aug 28-29
 - (Potential) IEEE ITSC / Sep 24-27
 - (Potential) IROS 2024 / Oct 14-18
 - (Potential) ROSCon / Oct 21-23

RViz Visualization by using WebRTC

- Agenda item maintainers: @oguzkaganozt, @kaspermeck-arm, @esteve
 - Assess the strengths and weaknesses of using Ros bridge and rvizweb
 - https://github.com/RobotWebTools/webrtc_ros
 - https://github.com/pgaston/teleopros2/tree/main
 - https://github.com/aiortc/aiortc
 - Jeremy from Amazon has shown interest in the subject with AWS Kinesis
- Reconnect with Jeremy (AWS) to help us bootstrap this

Active pursuit to find more collaborators for the Open AD Kit WG

- Agenda item maintainers: @samet-kutuk, @HamburgDave

- Outreach to external collaborators
 - Talking to VicOne (a member) on a use case to incorporate their IDPS (Intrusion Detection and Prevention System) with the Open AD Kit
 - Talking to EPAM Systems on the general architectures of SDV and understanding load balancing of automotive workloads in heterogeneous computing.

Open AD Kit Hardware Availability

- Agenda item maintainers: @HamburgDave, @samet-kutuk
 - ORIN: Perception container tests on the platform
 - AADP: Being used on various demos
 - ADLINK presented their autonomy HW lineup in Ref. Des. WG. BSP does not yet support Yocto(?).
 - 7Starlake: we heard that some eval units can be made available for testing



0 comments