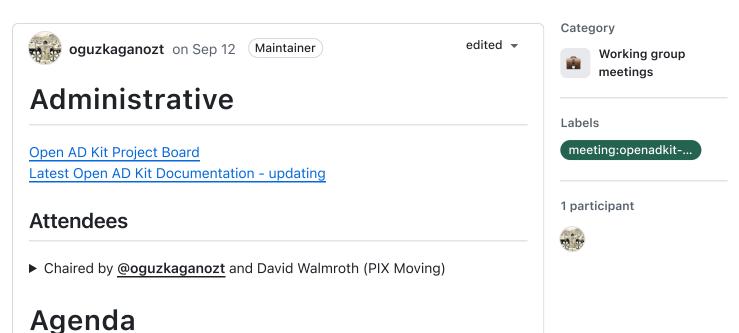# Open ADKit Working Group Meeting 12/09/2024 #5239

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

oguzkaganozt on Sep 12 — Maintainer — edited

Administrative

[Open AD Kit Project Board](#)
[Latest Open AD Kit Documentation - updating](#)

Attendees

▶ Chaired by **@oguzkaganozt** and David Walmroth (PIX Moving)

Agenda

DevOps Dojos: Build/Run: Open AD Kit Modular Images

- Agenda item maintainers: **@oguzkaganozt** , **@youtalk**

- [Modular Containers Discussion](#)
- [Modular containers project board](#)
- [Documentation](#)

Open AD Kit Discussions & Issues

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

[Open AD Kit Project Board](#)

- **Issues**:

  - [OpenADKit](#)
  - [Containers](#)

- **Discussions**:

  - [OpenADKit](#)
  - [Containers](#)

Category

Working group meetings

Labels

meeting:openadkit-...

1 participant

DevOps Dojos: Ros Node Configuration Updates

*- Agenda item maintainers: **@kaspermeck-arm**, **@oguzkaganozt***
[Call for volunteers](#)
[Step-by-step Documentation](#)
[Step-by-step Video Tutorial](#)

- [Spreadsheet for node updates](#)

Remote RViz Visualization

*- Agenda item maintainers: **@oguzkaganozt**, **@kaspermeck-arm***

Overall best out-of-the-box solution: Produce visualizer container with built-in window manager and VNC support with bonus noVNC-support

Aspect	X11 Forwarding	VNC	X2Go	Web
Primary Function	Remote application visualization	Full desktop remote access	High-performance remote desktop	Real-t media data strean
Protocol	X11 over SSH	RFB (Remote Framebuffer Protocol)	NX protocol	WebR (Peer-peer)
Compression	Minimal (SSH encryption overhead)	Various (e.g., Tight, H.264)	Advanced compression and caching	High-(efficie comp
Bi-Directional ROS Messaging	No	No	No	Yes
Platform Independence	Limited	Limited	Limited	High
Ease of Setup	Low	Moderate	Moderate to High	High
Security	Integrated with SSH	Requires secure tunnel (e.g., SSH)	Built-in secure connection	Requi secur (DTLS
Performance	Slow-Moderate	Moderate	High	High

Open AD Kit Demo Archives

- Open AD Kit demo repos and artifacts will be published and showcased by specific forks within the Autoware project

[CES 2024 Demo Branch is Released](#)
[Working on AutoTech 24 for Open AD Kit PIX integration](#)

Open AD Kit Hardware Availability

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

- ORIN: Recently succesfully [tested](#)
  - https://github.com/futurenowx/autoware
- 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

2024 Demo Planning and Activities

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

- AutoTech Detroit (June 5-6): https://docs.google.com/presentation/d/1UD_0tIhRgfjmQami1nyKxh5feY5TGre4YTOAG1AZWik/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

↑ 1

0 comments