

Steering Committee Meeting, General Meeting

10.06.2021, 5pm - 6:30pm CEST

-> shifted to 24.06.2021, 5pm - 6:30pm CEST

Agenda / Meeting Minutes

1. Welcome, Agenda
2. Antitrust Policy
 - > respect Eclipse's Anti-Trust Policy
3. Introduction of new members
4. IAC - Indy Autonomous Challenge with Universities
 - a. June 10th update
 - <https://docs.google.com/presentation/d/1WETq5S1aTOIfgzvHJhFHEp1sL7vLAWjtaLHnmUjQrl/edit?usp=sharing>
 - b. Clemson Deep Orange 12 "DO12" team is autonomous test driving IAC racecar using OpenADx middleware.
 - <https://cuicardeeporange.com/project/deep-orange-12/>
 - <https://twitter.com/juncosracing/status/1396584574621294592?s=12>
 - c. IAC racecar software stack developed with help of Autoware Foundation, OpenADx members and is being given to all teams as suggested reference implementation.
 - d. **Please help!** Here are some tasks
 - <https://gitlab.com/autowarefoundation/autoware.auto/AutowareAuto/-/issues/638>
5. Steering Committee Chair Elections
 - a. process to be announced, starts with nomination I guess
6. Eclipse iceoryx release:
 - <https://www.globenewswire.com/news-release/2021/06/24/2252445/0/en/The-Eclipse-Foundation-Announces-the-Release-of-Eclipse-iceoryx-Almond-1-0.html>
7. OpenADx WG Charter Update
 - > Update Charter
8. OpenADx Timeline / Program Plan
 - a. **Roadmap for implementing the Program Plan - to be done**
 - i. Update: <https://tuleap.eclipse.org/plugins/docman/download/2699/1>
 - b. Current EF Azure credits will be invalid mid of this year -> to be clarified with Robert, Paul and Stormy
 - > **What is the current state?**
 - c. **Azure Instance (just a Windows VM) for OpenADx demonstrator is available.**
 - i. openPASS will support with the demonstrator
 - ii. sim@openPASS could be included in the demonstrator
 - iii. OpenMCx short before release and can also be used for the demonstrator
 - iv. How can we combine all the stuff?
 - d. Our offer to help Indy Autonomous Challenge university teams [IAC ROS2 Autoware Offer](#)

- i. early survey results from teams for what they need [IAC ROS 2 Survey - early comments.pdf](#)
- 9. OpenADx Big Picture
 - > update
 - Link: <https://tuleap.eclipse.org/plugins/docman/download/2637/1>
- 10. Toyota adopts “ApexOS” safe ROS 2 distro from Apex.AI. Supports Apex.Middleware of OpenADx CycloneDDS+iceoryx with optional Zenoh V2X
 - a. [Toyota Selects Apex.OS To Underpin Automated Vehicle Platform](#)
 - b. TÜV Nord certified on Arm for ISO 26262 ASIL-D
 - c. [Presentation](#) about how Apex.AI made open source safe ISO 26262 ASIL-D
- 11. OpenADx in ROS2 & AUTOSAR Adaptive
 - a. OpenADx CycloneDDS+ iceoryx is the new default ROS 2 middleware for ROS2 Galactic.
 - b. Apex.AI & ADLINK have been busy, OpenADx open source will be automotive grade ASIL-D ISO 26262 <https://www.apex.ai/apex-middleware> (ISO26262 planned for 2022)
 - i. Cyclone DDS with built-in iceoryx and Zenoh V2X for ROS 2 and DDS community.
 - ii. iceoryx with Cyclone DDS and SOME/IP gateways for AUTOSAR Adaptive community
- 12. Collaboration with Universities
 - a. IAC ... (obviously)
 - b. F1TENTH migrating to ROS 2 Foxy with Autoware.Auto autonomous driving packages and Cyclone DDS with builtin iceoryx and Zenoh V2X
 - i. **Consider sponsoring F1TENTH! Here are details & contacts**
[F1TenthFoundation Sponsorship Benefits 2021.pdf](#)
 - c. “CARMA F1TENTH” V2X led by Madhur Behl of U of Virginia
<https://github.com/usdot-fhwa-stol/carma-1-tenth>
- 13. USDOT CARMA
 - a. Progress migrating CARMA to ROS 2 Foxy with Autoware.Auto autonomous driving packages and Cyclone DDS. Will use Cyclone DDS w built-in iceoryx and Zenoh V2X
<https://discourse.ros.org/t/carma-2021-updates-and-release-plan/19791>
<https://discourse.ros.org/t/carma-migrating-to-ros-2-with-cyclonedds-and-zenoh/17541>
 - b. Link to videos
 - i. [Everything You Need to Know about CARMA](#)
 - ii. [CARMA Online Resources](#)
 - iii. [CARMA Program Part I](#)
 - iv. [CARMA Program Part II](#)
 - v. [CARMA 1Tenth](#)
 - vi. [Autoware Integration with CARMA](#)
 - vii. [Collaborate on the CARMA Platform](#)
- 14. Demonstrator
 - a. tuleap.eclipse.org/plugins/tracker/?aid=1246
-> Update
- 15. Eclipse Automotive
 - a. OpenADx meets openPASS
 - b. [Eclipse Automotive](#)
 - i. Tractus-X as a new project proposal
[Eclipse Tractus-X Creation Review](#)

- ii. contributions are there
- 16. Open topics
 - > Update
- 17. OpenADx Whitepaper
 - a. next steps
 - i. add section with success stories like Toyota, Apex.AI,
 - ii. setup a meeting for an update session
 - iii. maybe an annual release of the updated whitepaper
- 18. Lead Management
 - > Update
- 19. Events
 - > Update
 - a. IAC events at Indy 500 May 26-30
 - b. ROScon with Autoware track Oct 22-23 roscon.ros.org
 - c. IAC Race at Indy Oct 23 indyautonomouschallenge.com/timeline
- 20. Feedback from conferences
 - > Update
- 21. Projects
 - > Update
- 22. Project Proposals
 - > Update
- 23. Next steps
- 24. Next meeting dates
 - a. regular meetings are scheduled
 - b. There is a conflict on the Tuesday schedule, Meeting Poll is active

Participants

Name	Company	Participation?
Joe Speed	ADLINK Technology	
Joseph	Arm	
Josko	AVL List	x
Adam	DENSO Corporation	x
Daniel	DLR	x
Naci	eteration	
Philip	EclipseSource	
Andreas	itemis	
Michael	JCIM	
Robert	Microsoft	
Jeff	Red Hat	x
Andy	Robert Bosch GmbH	x

Robin	Siemens	
Dominik	science+	
Paul	Eclipse Foundation	
Michael	Eclipse Foundation	
Lukas	FH Dortmund	x
Brian	Open Robotics	
Daisuke	Autoware	
Simon	AVL	
Klaus	AVL	