OpenADx Steering Committee Meeting

… (insert next meeting agenda here)
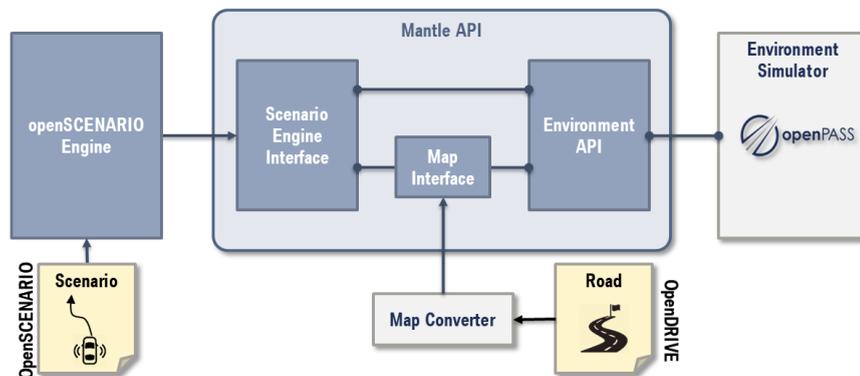
Steering Committee Meeting,
General Meeting
10.03.2022, 5pm - 6pm CEST

Agenda / Meeting Minutes

1. Welcome, Agenda
2. Antitrust Policy
   -> respect Eclipse's Anti-Trust Policy
3. Meeting time slot
   a. currently it is fine, but Andy will do a poll if there is a demand of shifting to another timeslot
      -> https://doodle.com/meeting/participate/id/kazNjQma
4. The future of OpenADx OR How to proceed?
   a. Just 4 votes on the meeting poll…
      -> Andy will reschedule
   b. Overlap in the topics of the current working groups
   c. re-factoring of the working groups? Do we need all the different automotive WGs? The layer on top is missing.
      -> Is that the right layer?
      https://wiki.eclipse.org/Automotive/InterestGroup
   d. Roadshow as an offer for startups, increase the reach, create the community, working group events, demo and showcase the projects
   e. see also: 2019 OpenZeka MARC Otonom Araç Yarışması
   f. How to engage the SC members in general?
      i. Can we give a project representative in the SC Meeting?
      ii. as Alternative a separate meeting with the projects within the WG
      iii. maybe with some possibilities to have influence in the SC
   g. Should we rename OpenADx to
      i. Eclipse Autonomous Driving
      ii. or something else
      iii. or not ??
      iv. As there is confusion maybe - Differentiation of OpenADx, openMobility, Eclipse Automotive ...
   h. create a board of suggestions -> done
      OpenADx Future Ideas
      i. we need a separate session for working on this topics - **Andy will setup a meeting**
   i. How to engage the members?
      i. Business value will be the key at the end - How to create the Business Value
      ii. How can we commercialize / productize each others products?
      iii. Create a scenario how each company can contribute and benefit from OpenADx with their solutions

        iv.   **What is the benefit, when you contribute to Open Source?**
- 1. list of possible Business Models as blueprint
  -> done [OpenADx Future Ideas](#)

     v.   A small (public funded) project can be started to contribute.

     vi.   Naci can provide a template for a joint project

    vii.   We can start to collect the ideas / demonstrator ideas / abstracts on a board or in a google doc.
-> use jamboard and create new site(s) [OpenADx Future Ideas](#)

   viii.   an open accessible platform where e.g. simulations can run
-> a VM is available ...
- 1. in collaboration with **Indy Autonomous Challenge (ROS 2, Cyclone DDS, iceoryx, Zenoh, Autoware.Auto) with SVL Simulator and dozens of IAC universities**, Open Robotics ROS 2, F1Tenth, Autoware, USDOT CARMA, CARMA F1TENTH …
- 2. leverage Apex.Middleware for more fame apex.ai/apex-middleware
- 3. good processes, good documentation
- 4. fyi ROS 2 tested with OpenADx projects Cyclone DDS, iceoryx, Zenoh V2X https://osrf.github.io/TSC-RMW-Reports/humble/eclipse-cyclonedds-report.html

     ix.   public funded projects with tool providers is often hard to setup / ramp up - quick start with working with something -> open source solution as enabler for the commercial solution

  j.   contact the OEMs directly as a restart
- i. invite them to a roadshow (to be planned)

  k.   Collaboration with SDV?
- i. Use OpenADx experience for exchangeability of tools

5. Next steps
   - a. provide a board or a doc for further collab -> done
   - b. provide the "collection list" -> done
   - c. evaluate steps to generate value
6. 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. How can we make progress?
   - 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](#)
7. OpenADx Big Picture
   Link: https://tuleap.eclipse.org/plugins/docman/download/2637/1
8. 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 Virigina https://github.com/usdot-fhwa-stol/carma-1-tenth

9. 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

10. Demonstrator

     a. tuleap.eclipse.org/plugins/tracker/?aid=1246
-> Status: Simon, AVL, started a first setup based on OpenMCx and esmini. Co-simulation will consist of FMU only with no license required.

     b. maybe with openPASS?

11. [Eclipse Automotive](#)

12. Open topics
    -> Update

13. 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

14. Lead Management

15. Events

16. Feedback from conferences

17. Projects

18. Project Proposals

19. Next steps

20. 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?
?	ADLINK Technology	
Joseph	Arm	
Josko	AVL List	x
Adam	DENSO Corporation	
Daniel	DLR	
Naci	eteration	x
Philip	EclipseSource	
Andreas	itemis	
Michael	JCIM	
Robert	Microsoft	
Jefro	Red Hat	
Andy	Robert Bosch GmbH	x
Robin	Siemens	
Dominik	science+	
Paul	Eclipse Foundation	
Michael	Eclipse Foundation	x
Lukas	FH Dortmund	
Brian	Open Robotics	
Daisuke	Autoware	
Simon	AVL	x
Klaus	AVL	