

ECLIPSE TRACTUS-X COMMUNITY DAYS

MAY 16th, 2024

Time	Session	Details	Speakers
12:00 - 12:40 p.m.	Arrival	Snacks and networking, visit the marketplace	
12:40 - 01:00 p.m.	Welcome	Welcome at ARENA2036 e.V.	Georg Schnauffer Deputy Director and Research Coordinator at ARENA2036 e.V.
01:00 - 01:30 p.m.	Keynote	Open Source Development in Industry Collaborations	Michael Plagge Vice President Ecosystem Development at Eclipse Foundation Michael Hahn Managing Director Value Creation & Technology at Catena-X Automotive Networke.V.
01:30 - 02:10 p.m.	Key-Panel	The new Post-Consortia Role of Committers: Responsibility becomes real	Tractus-X Committers: Siegfried Kiermayer (SAP), Evelyn Gurschler (BMW), Nico Koprowski (Mercedes), Rohan Krishnamurthy (ZF) Moderators: Daniel Miehle (BMW), Maximilian Ong (Mercedes)
02:10 - 02:30 p.m.	Presentation	Open Source for Digital Twins with the Asset Administration Shell - Intro about IDTA and the AAS - Overview Eclipse Digital Twin Top-Level-Project - Role of Submodel Repositories in Dataspaces	Dr. Christian Mosch Managing Director at Industrial Digital Twin Association (IDTA) Juilee Tikekar IDTA
02:30 - 02:45 p.m.	Major Release 24.05	Preview to the Major Release 24.05	Hanno Focken Managing Director Operations and Governance at Catena-X Automotive Network e.V.

BREAK

03:15 - 03:50 p.m.	Introduction Stream 1	The Eclipse Data Space Components (EDC) - Technical introduction to the architecture and functionality of the Eclipse Data Space Components (EDC) - A minimal setup for EDC to test communication scenarios - Instructions for setting up the environment and using it as a programmer	Stephan Bauer Platform Domain Manager at Catena-X Automotive Network e.V.
	Introduction Stream 2	Semantic Models and the Asset Administration Shell (AAS) - The role of semantic models for the data chain - The overall architecture: semantic models, Asset Administration Shell (AAS) and the Eclipse Dataspace Components - A scenario using the example of a special supply chain for a central component in the vehicle (wiring harness)	Dr. Birgit Boss (Bosch) Dr. Thomas Henn (Bosch) Catena-X Product Owners for Semantic Layer / Digital Twins
	Introduction Stream 3	DCM – Demand- and Capacity Management at Catena-X Open Source - Motivation - Core Logic - Status Quo Documentation + DCM FOSS Application	Philipp Mai (BMW) IT Expert Jürgen Schuberthan (BMW) Catena-X Lead of Use Case Demand- and Capacity Management
	Introduction Stream 4	Introducing the Tractus-X Digital Product Pass Application Use Case - Digital Product Passport Use Case in Circular Economy: business and technical aspects - Current work related to the Digital Product Pass Verification (Released in 24.05)	Mathias Brunkow Moser (CGI) Catena-X DPP Software Architect

BREAK: Go to the Workshops

04:00 - 06:00 p.m.	Choice of different parallel workshops:		
Workshops run in parallel	Stream 1 WORKSHOP	Eclipse Data Space Components (EDC) - First exercise: install your own EDC environment - Practical exercises on your system environment - Start working on your own or a given challenge	Stephan Bauer Platform Domain Manager at Catena-X Automotive Network e.V. Johannes Diemer (ARENA2036) David Görzig (ARENA2036) and other coaches
	Stream 2 WORKSHOP	Semantic Models and the Asset Administration Shell - Get familiar with the Asset Administration Shell in the context of Catena-X - Practical exercises in a) building a digital twin aka Asset Administration Shell - and b) registering and discovering digital twins	Tunahan Cicek (Bosch) IT Expert Dr. Birgit Boss (Bosch) Dr. Thomas Henn (Bosch) Catena-X Product Owners for Semantic Layer / Digital Twins
	Stream 3 WORKSHOP	FOSS DCM Application – Upgrade to Catena-X 24.05! - Upgrade functional capabilities as defined by Catena-X Standards - Upgrade functional capabilities outside Catena-X Standards - Upgrade technical stack as defined by Catena-X Standards and Eclipse Tractus-X	Philipp Mai (BMW) IT Expert Jürgen Schuberthan (BMW) Catena-X Lead of Use Case Demand- and Capacity Management
	Stream 4 WORKSHOP	Hands-On Work Session with the Tractus-X Digital Product Pass Application Use Case - Get to know the code and deploy the application - Create your own Digital Product Passport - Access Digital Product Passports scanning QR codes - Have fun solving a sustainability problem	Jochen Braun (CGI) Catena-X DPP Expert Group Co-Lead Mathias Brunkow Moser (CGI) Catena-X DPP Software Architect Muhammad Saud Khan (CGI) Catena-X DPP DevOps Engineer
	Marketplace	Visit the info points by e.g. Tractus-X System Team / Security Team / FOSS, Catena-X Automotive Network e.V., Cofinity-X, ARENA-X and IDTA	
	Open discussion room for data provider	Book your own time slot for your topic	
From 07:00 p.m.	Evening event in the ARENA2036	With coding, guided tours and a marketplace (with information booths: Catena-X Automotive Network e.V., Cofinity-X, ARENA-X, IDTA)	
	Open end (approx. 10 p.m.)		

DAY TWO ECLIPSE TRACTUS-X COMMUNITY DAYS

MAY 17th, 2024

Time	Session	Details	Speaker
09:00 - 9:40 a.m.	Tech Talk	dataspaceOS – How to connect the automotive industry!	Dr. Markus Lehmann (ZF Friedrichshafen AG) Automotive Ecosystems Head of Product Development
09:40 - 11:40 a.m.	Workshops (scheduled in 2h-sessions, which will allow switching between the workshop streams)	Continuing work from day 1 / Your next challenge in a different workshop (see workshop selection from day 1)	
Workshops run in parallel			
11:40 - 12:00 a.m.	Pitch with intermediate results		
LUNCH BREAK			
01:00 - 03:00 p.m.	Workshops (scheduled in 2h-sessions, which will allow switching between the workshop streams)	Continuing work from day 1 / Your next challenge in a different workshop (see workshop selection from day 1)	
03:00 - 04:00 p.m.	SUMMARY	Interesting results and closing	