SECOND ECLIPSE TRACTUS-X COMMUNITY DAYS

16. – 17.05.2024
STUTTGART

SUPPORTED BY:

Cofinity-X  polygran  smartSense Consulting Solutions Pvt. Ltd  IDTA

Tractus-X  Catena-X  ARENA 2036  ECLIPSE FOUNDATION

Supported by: funded by the European Union and the German Federal Ministry for Economic Affairs and Climate Action, on the basis of a decision by the German Bundestag.
WORKSESSION 4
DIGITAL PRODUCT PASS INTRODUCTION

MATHIAS BRUNKOW MOSER - CGI
DIGITAL PRODUCT PASS SOFTWARE ARCHITECT - ECLIPSE COMMITTER

STUTTGART - 16,17 MAY 2024
The Digital Product Pass Workstream
Be ready to embrace a complete Catena-X Circular Economy hands-on challenge!

INTRODUCTION
The Digital Product Pass Worksession will help you to understand from A-Z how Product Passports work and why they are so important! A great hands-on challenge will be provided! Learn in two Phases how to leverage Eco-design Digital Product Passports in Tractus-X using Catena-X!

PHASE 1: DATA PROVISION
Create your own DPP serialized aspect model, connect it with a Digital Twin and provide it to the Catena-X Network!
You will also get the chance of understanding how to provide QR codes for other people so other participants can retrieve your data!

PHASE 2: DATA CONSUMPTION
Play with the Tractus-X Digital Product Pass Application!
Scan several QR codes from your colleagues on a real Car to visualize the information and create your own Car Digital Product Passport!

PREREQUISITES:
→ Bring your computers and smartphones! (VS Code, Postman/Insomnia, SSH) Optional: Minikube.
Don’t forget to bring also much Proactivity, Curiosity and Motivation!

© 2024 Eclipse Tractus-X Contributors, Catena-X or a Catena-X affiliate company (Version 3.0 OG)
The Digital Product Pass
An open-source application capable of consuming standardized product passports stored in a data provider, by simply scanning a QR code or introducing an ID to retrieve the data from Digital Twins across the Catena-X Network.

+ It is the reference implementation of the EcoPass KIT!
FEATURES

**dpp-frontend**
- Display CX Aspect Models
  - Digital Product Passport
  - Battery Passport
  - Transmission Passport
- View Relationship Parts Tree
- Data Sovereignty
  - Select/Configure Policy Details
  - View EDC Contract Exchange Details
  - Check for EDC Business Part Number

**dpp-backend**
- Retrieve any CX Aspect Model Data
- Search for Digital Twin Registries
- Search for Digital Twins in DTRs
- Retrieve Data through the EDC Proxy
- Add-ons
  - Item Relationship Service (IRS) Usage
  - New! Digital Product Pass Verification

© 2024 Eclipse Tractus-X Contributors, Catena-X or a Catena-X affiliate company (Version 3.0 OG)
Release 24.05 News

Digital Product Pass Verification Documentation Available!

+ PoC Implementation Planned for Release 24.08

Keep an eye in the Digital Product Pass Tractus-X Repository to receive the latest updates!
Thank you & let’s meet at the Workstream 4!