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OSS4DPP Kick-off - Part 1

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VP Ecosystem Development

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Agenda: OSS4DPP Kick-off

14:00 - 14:10

Introduction & Background

DPP digital product data, regulatory vs. business opportunities, consortium open-source strategy.

14:10 - 14:20

Objectives & Goals

Building standard-based interoperability solutions that achieve production readiness.

14:20 - 14:40

Proposed Solution Portfolio

Supply chain data exchange, semantic mediation, business value tools, reference implementations.

14:40 - 15:05

OSS4DPP @ Eclipse Foundation

Eclipse governance model and project setups using Eclipse best practices.

15:05 +

Discussion: Contributions

Open forum for contributing code, domain expertise, and submitting functional requirements.

Closing

Wrap-up & Next Steps

Summary of key decisions, immediate action items, and follow-up timeline.

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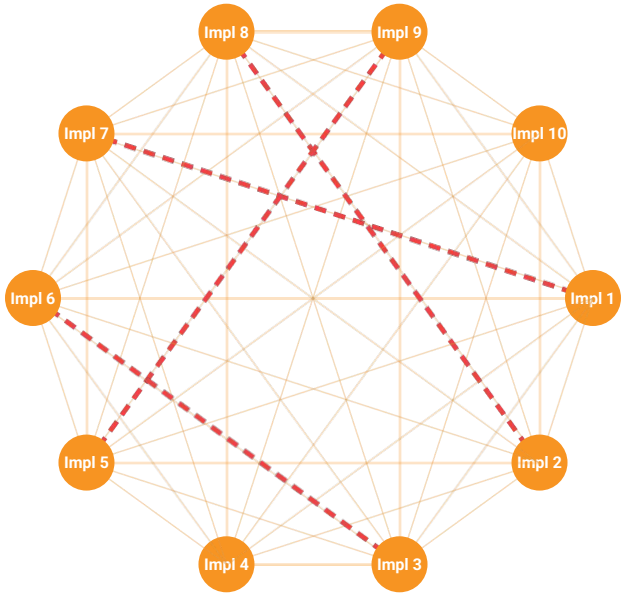
Interoperability via Shared Implementation



Interoperability Guarantee

Reusing a single open source implementation eliminates protocol divergence across participating nodes.

Exponential Maintenance Reduction

Instead of maintaining N^2 unique integration bridges, all participants share a single codebase.

Accelerated Time-to-Market

Adopters leverage existing production-ready components, freeing resources for domain business value.

Regulatory Compliance & Accountability

Fulfill EU ESPR mandates through open open source implementations with transparent lifecycle governance.

Digital Sovereignty

Eliminate proprietary lock-in while maintaining long-term control of critical European infrastructure.

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Standards & Open Source: The Virtuous Cycle

Standardisation

01 Specification & Guidance

Formal standards define specifications and architectural guidelines, providing a baseline for compliant implementations.

04 Iterative Maturation

Feedback loops feed tested insights back into the specification, evolving and maturing the technology standard over time.

Guides & Defines

Continuous Evolution

Proves & Refines

Open Source Implementation

02 Validation & Applicability

Widespread adoption in real-world deployments stress-tests the standard, proving its practicality and functional viability.

03 Flexibility & Experimentation

Open source implementations offer dynamic sandboxes to test modifications, refine code, and introduce innovative concepts.

Standardisation and **Open Source** work under the same governance principles of **openness**, **transparency** and **consensus**.

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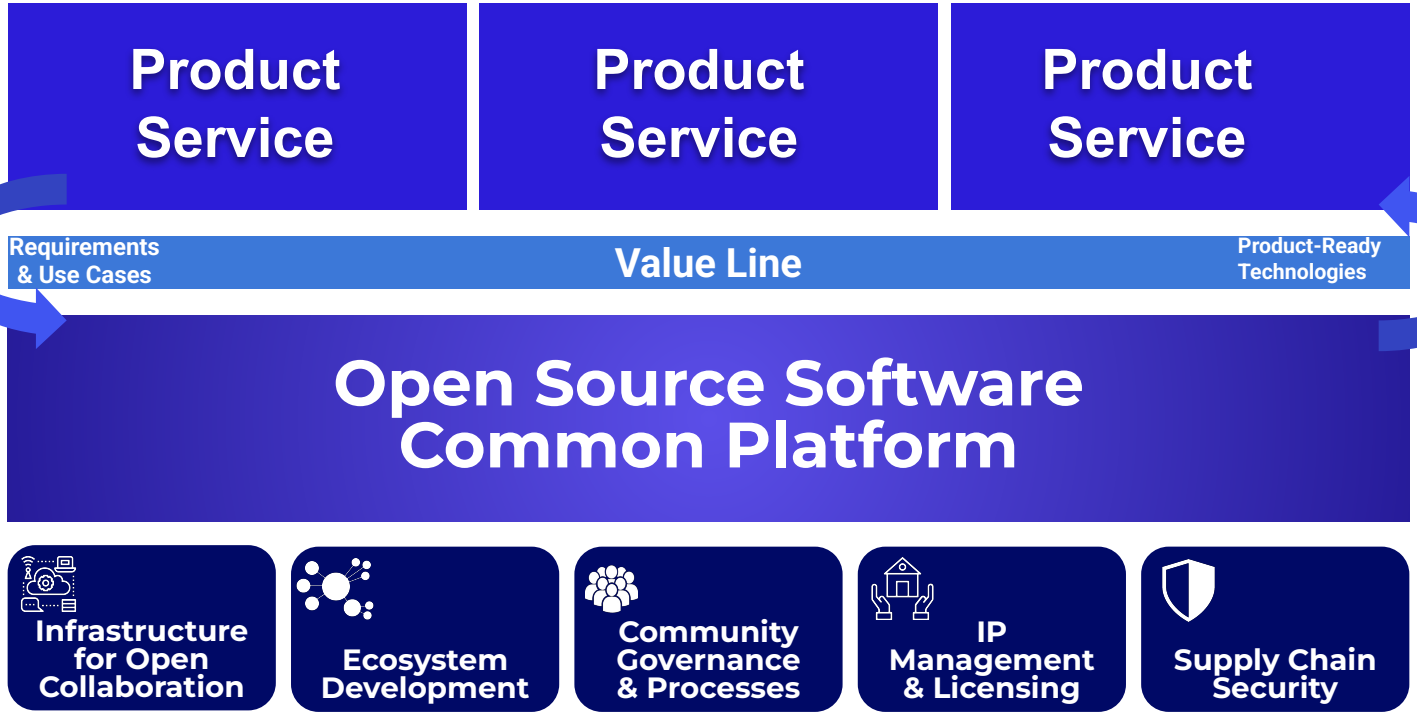
Open Collaboration: a business-friendly ecosystem



Compete on products & services

Working with your competitors based on **meritocracy**

Open, **Transparent**, **Vendor-neutral,** Collaboration platform

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One Governance adds value







OSS4DPP



Asset Admin Shell





Don’t reinvent the wheel The ecosystem

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2nd iteration MoU unveiled during CES 2026

Eclipse SDV Executive Breakfast

Date: 7th January 2026

Location: Conrads Resort World Las Vegas, Blossom Ballroom

Central topic: unveil the 2nd iteration of the OSS MoU

A united, global ecosystem

With today's news, this MoU group expands to become one of the world's largest and most advanced open source ecosystems focused on code-first solutions for next-generation mobility. New signatories include an array of industry leaders and innovators, such as 42dot, Accenture, AVL, Capgemini, Coretura, Cummins, ECARX, Elektrobit, Infineon, LEAR, LG Electronics, Michelin, MOBIS, QNX, Qualcomm, Red Hat, Schaeffler, Traton, Stellantis, T-Systems, and Useblocks joining founding participants Aumovio, BMW, Bosch, ETAS, Hella, Mercedes-Benz, Qorix, Valeo, Vector, Volkswagen, and ZF.

Auto industry expands open-source pact to boost development, cut costs

By **Rachel More**

January 7, 2026 1:10 PM GMT+1 · Updated January 7, 2026

https://www.reuters.com/business/auto-industry-expands-open-source-pact-boost-development-cut-costs-2026-01-07/



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Growing to a global ecosystem

to now more than 30 companies from America, Europe, and Asia

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Capgemini (Capgemini SE)	Laurence Noël EVP Head of Global Automotive Industry Peter Fintl VP Technology & Innovation	
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Qualcomm (Qualcomm Technologies Inc.)	Nakul Duggal EVP, Group GM, Automotive, Industrial and Embedded IoT, and Robotics	
Red Hat (Red Hat Inc.)	Chris Wright CTO & SVP Global Engineering	
STELLANTIS (Stellantis LLC)	Tara Vatcher Global SVP - Core Plattform SW Development and Architecture	
SCHAEFFLER (Schaeffler AG)	Uwe Wagner Chief Technology Officer	
TRATON (TRATON SE | TRATON AB)	Niklas Klingenberg Head of Group R&D TRATON SE David Holmgren Head of Group R&D EE Applications TRATON AB	
T-Systems (T-Systems)	Dr. Christian Hort SVP Automotive & Manufacturing Jörg Tischler VP Connected Mobility	
USE BLOCKS (Useblocks GmbH)	Daniel Woste CEO	

VDA | Verband der Automobilindustrie

Memorandum of Understanding

Automotive Grade Open-Source Software Ecosystem

May 2025



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The Goal

01

Seamless Interoperability

Develop a production-ready open source implementation and ecosystem that enables seamless interoperability across systems.

02

Shared Platform & Compliance

Build a shared DPP platform empowering all stakeholders—from large corporates to SMEs—to achieve regulatory compliance in a sovereign, self-determined way.

03

Vibrant Ecosystem & Innovation

Foster a vibrant ecosystem that unlocks data-driven business models while contributing valuable insights to advance DPP standards.

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OSS4DPP Kick-off - Part 2

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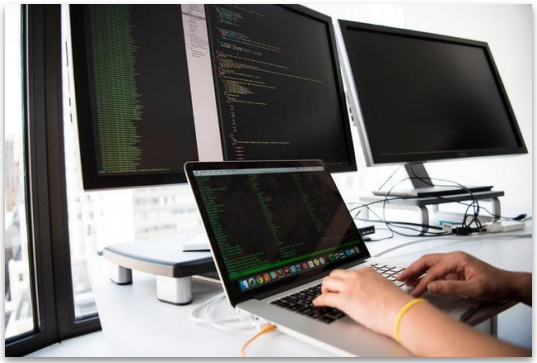
Projects and Working Groups

Projects



Transparent
Open
Vendor-neutral

∞ ⟷ ∞

Associated

Working Groups



Group of individuals

- Build code, APIs, documentation
- Meritocracy
- No costs / No budget
- Sponsoring possible

Group of organizations

- Focus, promote and augment Eclipse technologies
- Open Governance
- Fees / Budget

Meritocracy ⇒ The ones who do are right!

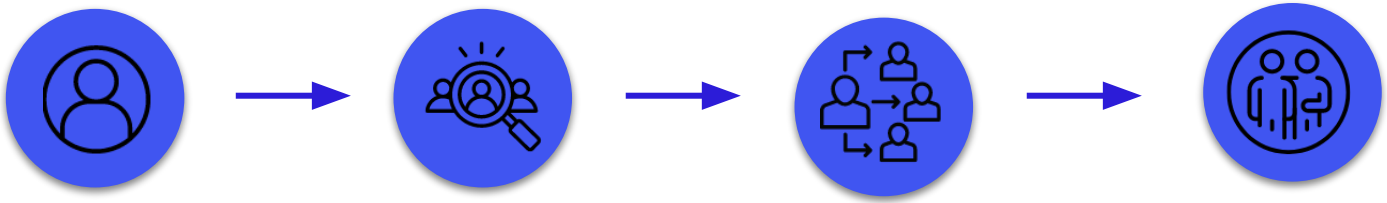
- Developers contribute as individuals
- They have to prove their skills and commitment
- Nobody can be “appointed” as a committer!

Code Contributions

- Download and use the code
- Report bugs and suggest features
- Fix bugs and implement features
- Become a Committer
- Mentor and support others

Non-Code Contributions

- Follow, like, or promote a project on social media
- Write a blog or create a video
- Give a talk
- Attend an event
- Organise an event



User → **First-time Contributor** → **Regular Contributor** → **Committer / Lead / Mentor**

Value of an Eclipse Working Group

Empowering sustainable corporate collaboration

1

Shared Funding Model

Pool resources to fund essential shared infrastructure and advocacy.

- Distribute R&D costs across members
- Fund dedicated ecosystem initiatives
- Ensure long-term project sustainability
- External contracting

2

Neutral Governance

Leverage a vendor-neutral framework for fair collaboration.

- Open governance standards
- Level playing field for participants
- Pre-established antitrust & IP policies

3

No Fiduciary Duty

Participate without taking on corporate legal liabilities.

- Eclipse Foundation manages operations
- Reduced corporate risk & overhead
- Focus on innovation, not administration

4

Platform Alignment

Align initiatives across projects to build integrated platforms & technology.

- Drive cross-project interoperability
- Build unified technology stacks
- Harmonize common technical roadmaps

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Overall Framework

Roles and Relationship

- Members
- Eclipse Foundation
- Projects

Governance

- Charter
- Committees (Governing Bodies)
- Agreements
- Formal Policies and Processes

Participation Structure

- Strategic Members
- Participating Members
- Committer Members
- Guest Members

Materials

- Recruiting Materials
- Program Plan
- Marketing Plan
- Infrastructure Plan
- Services and Shared Resources

Finance

- Bootstrap Funding
- Participation Fees
- Financial Plan

LifeCycles

- Opportunity
- Proposal
- Incubation
- Operational
- Termination

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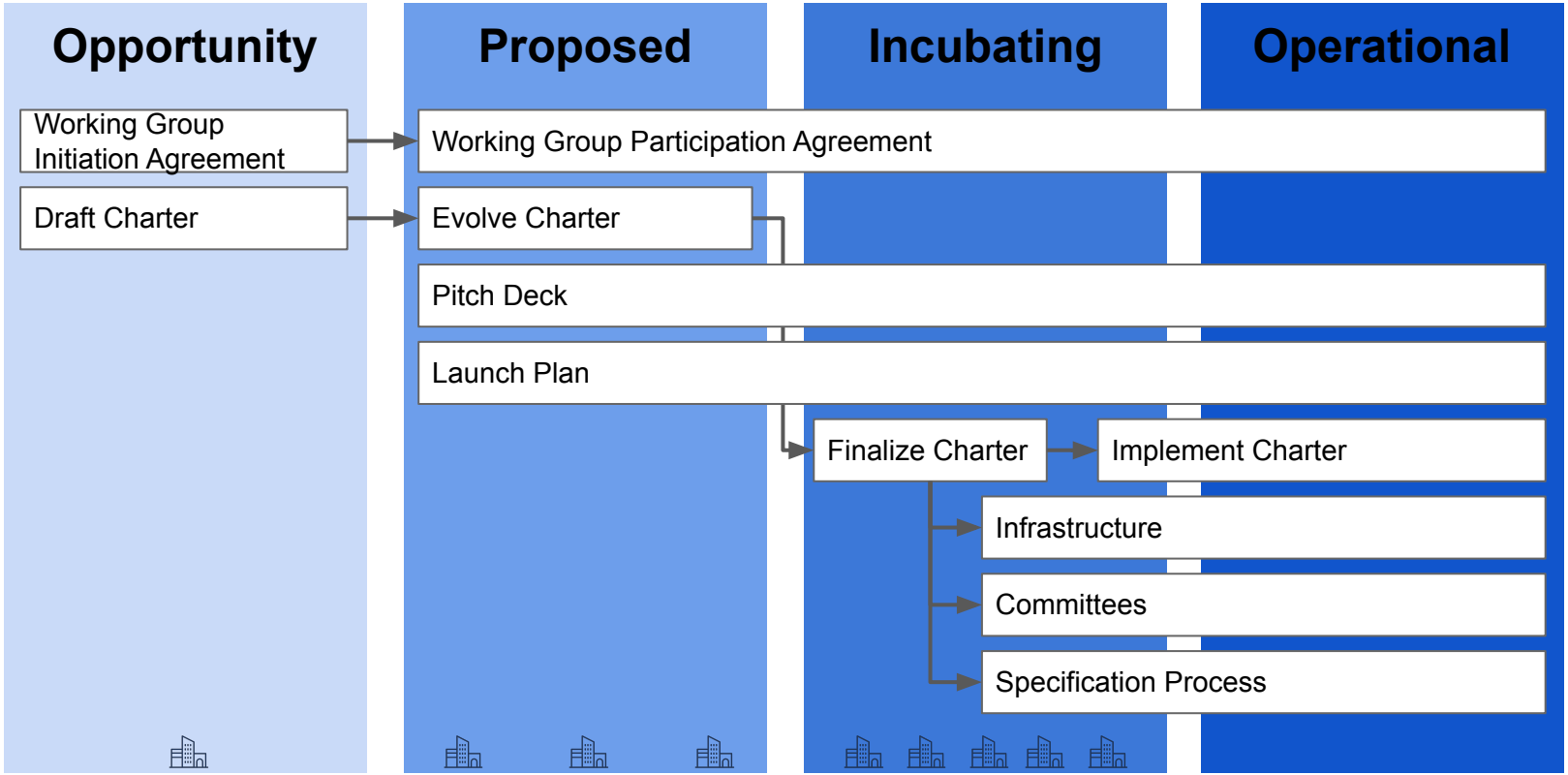
Working Group Lifecycle Phases



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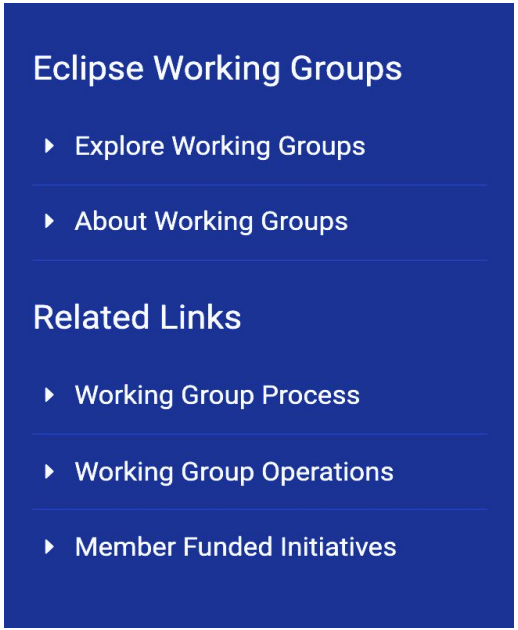
Working Group Process and Operations

- Formal Process - Board Approved
  - Describes process for creating and managing
  - Describes how members lead, influence, and collaborate
  - Established to drive innovation through related projects
  - Focus, promote and augment Eclipse technologies to meet the needs of the specific industries

- Formal Operations Guide
  - Describes how we implement the Working Group Process
  - Describes the lifecycle phases and operational requirements of working groups



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How Working Groups decisions are made

Relevant bodies:
All formal bodies defined in the charter. As of Jan 2026: Steering Committee (SC), Technical Advisory Committee (TAC), Marketing and Branding Committee

Decisions to make:
Election (yearly), program & marketing plans, project association, spec release, cross-project roadmap, WG wide collaboration (e.g. EU project representation)

Default decision processes:
- *Charter bodies*: Majority or Supermajority as described in the various process definitions (e.g. spec proces)
- *Informal bodies/Community*: Lazy consensus (processes e.g. maturity badges, technical activities e.g. SW orchestration & communication protocols)

Means to formalize processes:
- *Charter bodies*: SC and TAC meeting minutes (approved formally)
- *Informal bodies/Community*: informal meeting notes/wiki pages

Escalation level:
Program Manager and Eclipse Senior Management (governance only), no escalation level for technical decisions.

Mitigation options: different distribution, grouping (risk of fragmentation)

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Golden Rules

01 We are **code first** (but not code only)

02 Projects are **self-governing** to enable community driven success.

03 Aim for success by selecting **robust, sustainable, well engineered projects.**

04 **No kingmakers.** Similar or competitive projects are not excluded for reasons of overlap or competition.

05 **Don't reinvent the wheel.** Adopt and promote useful work happening in other industry groups.

06 We want to build **production grade software** which will be used in production.

07 We are here to **help our projects.**

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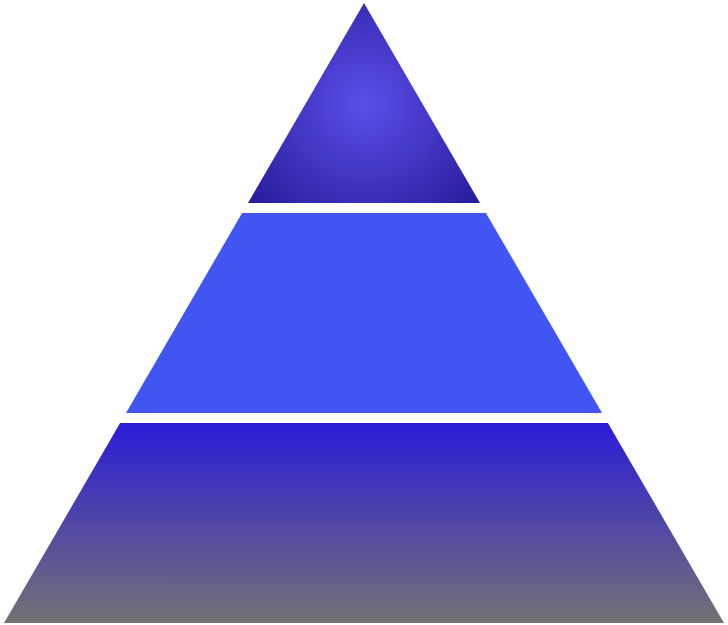
Motivation for corporate collaboration



Grow Business

Expand markets & value

Cost Sharing

Pool resources & reduce R&D overhead

Regulations

Comply with standards, policy & governance

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More than a licence or code

“If you have great code and a dysfunctional community, people will leave and the code will atrophy. If you have dysfunctional code but a great community, people will improve the code.”

The Apache Way
— Community before code

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