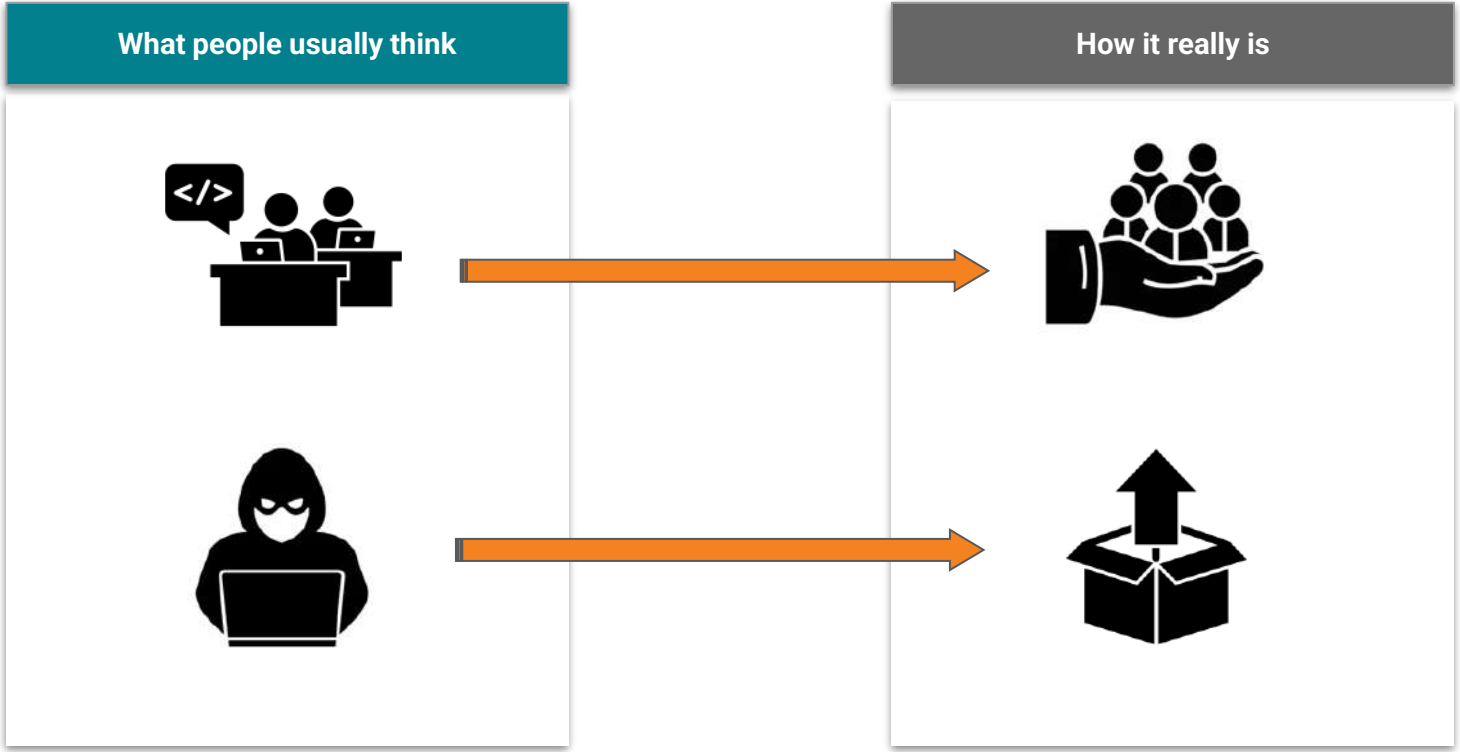
ECLIPSE® FOUNDATION

Collaboration | It's In Our Code™

Eclipse Foundation Overview

October 2024 | eclipse.org

When you see Eclipse



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The Leading
Open Source
Foundation in Europe

Community Driven.
Code First.
Commercial-Friendly.

The Community for
Open Collaboration
and Innovation

We Foster Innovation Through Open Source Collaboration

Driven by a diverse community of communities, we enable open source collaboration and drive sustainable innovation on a global scale.

420+
Projects

2,000+
Committers

385+
Members

20
Industry Collaborations

450M+
Lines of Code

50+
Countries Represented by Committers

$25B+
Shared Technology Investment

20+
Years of Innovation

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Membership

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Membership Benefits

With over 360 members and growing, the Eclipse Foundation fosters a thriving, business-friendly open source ecosystem. Members benefit from access to comprehensive programs, backed by our professional staff, to enhance market reach, boost brand visibility, sustain strategic technologies, and connect with developer communities.

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We Are Supported by Global Industry Leaders

Our **Strategic Members** are industry powerhouses that champion open collaboration and fuel innovation across global sectors. Alongside them, our diverse global Membership spans a broad range of innovators.

Europe

BOSCH

Mercedes-Benz Tech Innovation

DLR

OBEO

esa European Space Agency

cea

Fraunhofer

SAP

North America

Microsoft

IBM

ORACLE

Red Hat

Asia

FUJITSU

HUAWEI

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Eclipse Projects

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Use an Eclipse Project

Explore over 420 open source projects, including runtimes, tools, specifications, frameworks for Java, IoT, cloud, edge, AI, automotive, systems engineering, open processor designs, and more.

These are just some of the reasons why Eclipse projects are an excellent choice for professional developers:

Vendor-Neutral Innovation

Developed by professional developers for professional developers, ensuring OSS solutions that meet real-world needs without vendor lock-in.

Enhanced Security

Benefit from rigorous security practices, including regular audits, vulnerability management, and adherence to industry standards

Quality Builds

Access high-quality, robust builds that meet the demands of modern development environments.

Vibrant Community Participation

Join a diverse and engaged community that fosters collaboration, knowledge sharing, and continuous improvement
.

Reliable Release Cycles

Trust in our proven track record with over 20 years of consistently on-time Eclipse simultaneous releases, guaranteeing stability and predictability.

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Contribute to a Project

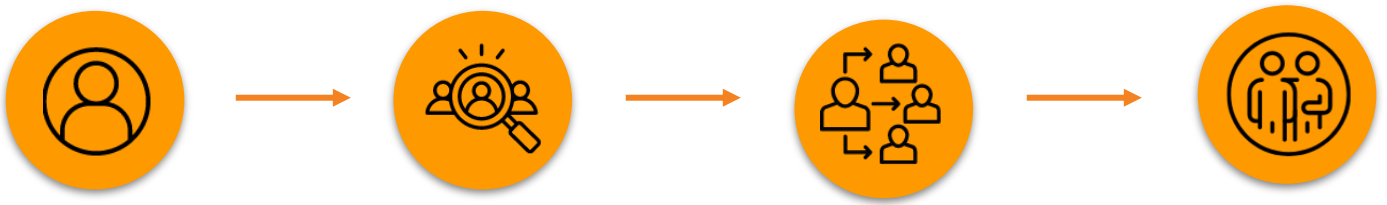
Contributing to an Eclipse Foundation project enhances your skills and positions you to influence the future of open source. Eclipse project services are based on best practices and can help you make a meaningful impact. No membership or financial support is needed to contribute.

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**

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Bring Us Your Project or Collaboration

For over 20 years, beginning with the Eclipse IDE, we've provided a trusted home for open source projects of all sizes—from small developer communities to global enterprises. Our proven vendor-neutral governance and robust processes help projects grow, thrive, and deliver real-world impact. Partner with us and leverage our suite of services to ensure your open source initiatives succeed and scale.

Governance & Stewardship

Guiding vendor-neutral development & ensuring sustainability

IP Management & Licensing

Delivering IP confidence through due diligence & commercially-friendly OSI licenses

Community Development & Participation

Building diverse communities & driving contributions

Branding, Marketing & Events

Building project brands, driving awareness, and hosting developer conferences and community events

Infrastructure & Security

Providing reliable IT services and implementing supply chain security best practices

Fundraising & Ecosystem Development

Through Working Groups, raising funds and recruiting member organisations

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Industry Collaborations

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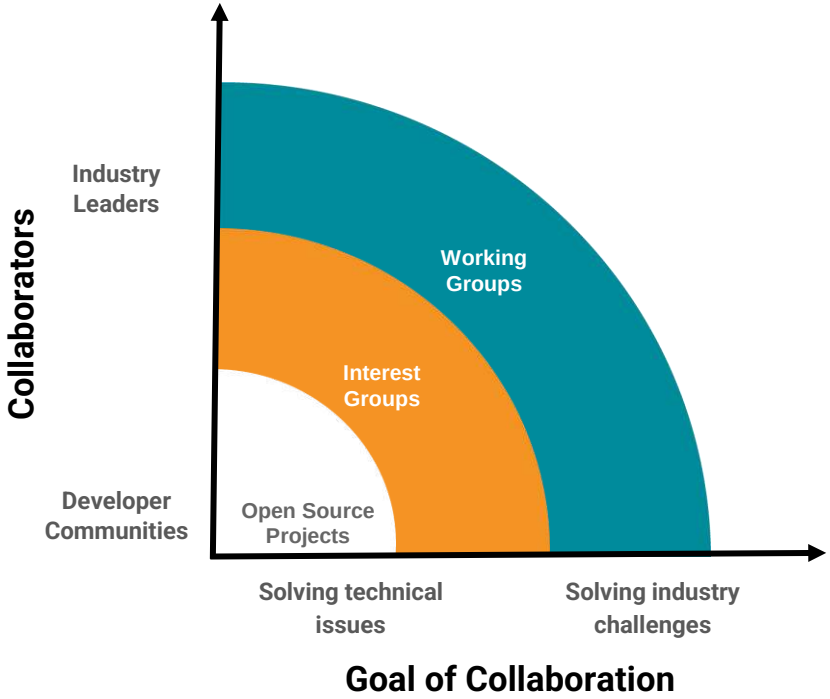
Our Collaborations Address Key Challenges

Whether you're a small developer community or a Fortune 100 company, we bring people and organisations together to solve critical challenges—from funding business-critical projects to developing specifications and proposing international standards.

We offer three collaboration models: Projects, Interest Groups, and Working Groups.

No matter where your initiative stands or where you want it to go, the Eclipse Foundation has a collaboration model perfectly suited to your needs.



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We Enable Strategic Open Source Innovation

Open Source Java

We champion the revitalization of the enterprise Java ecosystem

Most Java industry leaders are members of Jakarta EE.

Adoptium is now the world's second most popular JDK, and Eclipse Temurin is the fastest-growing open source Java SE runtime, with over a million daily downloads.

Embedded & IoT

We drive mission-critical embedded and Industrial IoT applications

Eclipse ThreadX, a security-certified open source RTOS, powers over 12 billion devices and counting.

Millions of devices use Sparkplug®, and Sparkplug 3.0 has recently been recognised as an ISO/IEC standard.

Automotive and Mobility

We are revolutionizing automotive software development

The Software Defined Vehicle Working Group hosts over 25 projects with code already planned in real-world, series production.

Supported by over 50 member organisations, including 5 of the top 10 global automotive OEMs, our community leads the way in code-first innovation for the connected vehicle ecosystem.

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Our Collaborations Have a Global Impact

Developer Tools

Through collaboration with a global community, we've cultivated an open ecosystem that supports next-gen application development, from the desktop to the cloud.

eclipse THEIA

More than 1200 commercial solutions from over 100 companies are built on the Eclipse IDE platform.

Open VSX

The Open VSX Registry for VS Code extensions exceeds 2 million downloads each month.

Software Supply Chain Security

We lead collaboration to address open source cybersecurity challenges, including compliance with the EU Cyber Resilience Act (CRA) and other regulations.

Open Regulatory Compliance

The Open Regulatory Compliance Working Group brings together leading global enterprises, SMEs, researchers, and many of the world's largest code-hosting OSS foundations.

Digital Sovereignty

We are at the forefront of driving innovation and collaboration in trusted data-sharing ecosystems built on vendor-neutrality, privacy, and data sovereignty values.

ECLIPSE DATASPACE

Eclipse Dataspace Working Group is supported by leading organisations, including Amadeus, Catena-X, Fraunhofer, Gaia-X, IDSA, iShare, Microsoft, and T-Systems.

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Takeover messages

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Different ways to collaborate

	Eclipse Projects	Eclipse Industry Collaborations
Everyone	Be a contributor Look for and reuse	Join the mailing-list Be a committer representative
Members only	Company Contributor	Become a member

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ECLIPSE DATASPACE

Developing open standards, specifications, and technologies

Working Group Overview

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ECLIPSE DATASPACE

Eclipse Dataspace Working Group 2024

#1604
Commits

#6
Projects

#74
Contributors

#13
Member Organizations

#10
Participation in events

#2
Community calls

#35933
LinkedIN impressions

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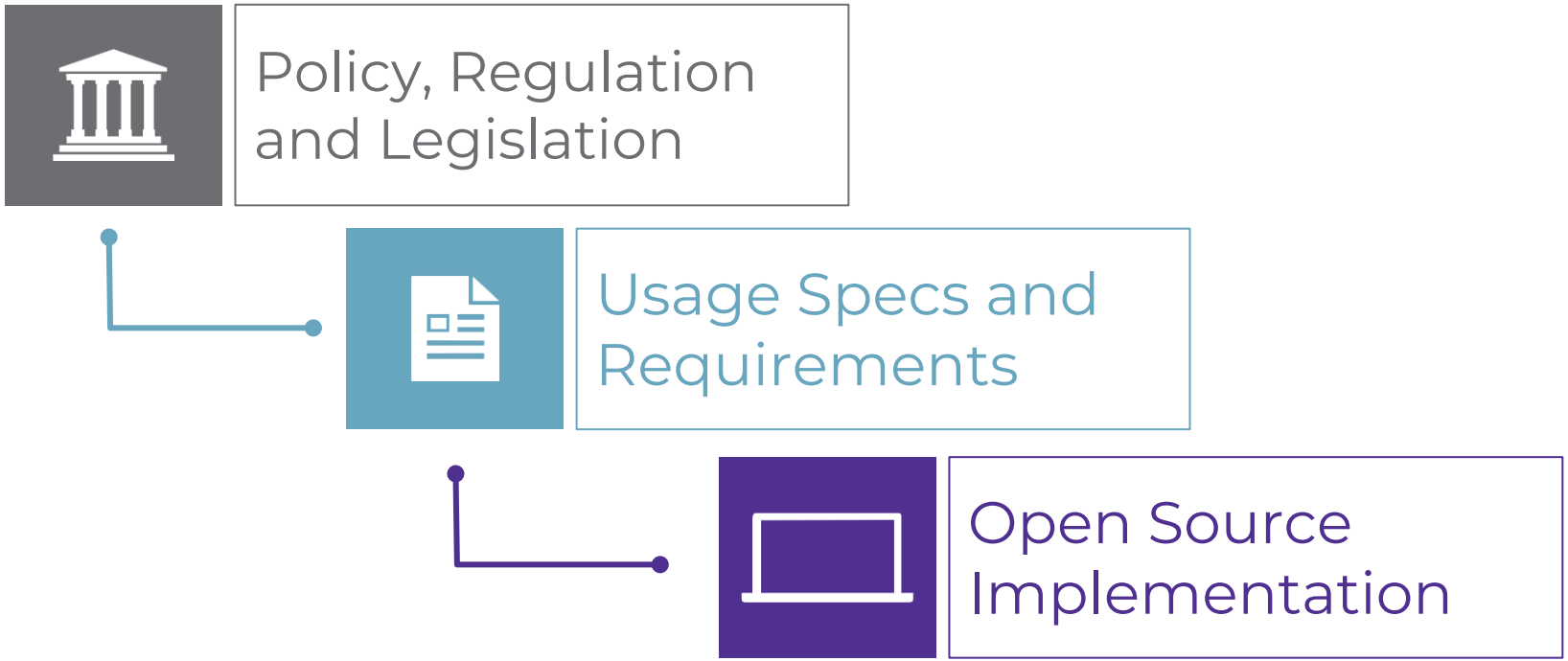
The Big Picture



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Why dataspaces?

Data Discoverability

Data is everywhere, but usually hidden and locked.
We need a way to discover datasets matching our quality needs in a simple search, while being aware about their concrete policies and usage restrictions.

Automation

The process of data sharing currently involves a time consuming process involving lawyers, NDAs, ICT and cybersecurity experts.
We need a simple and automated way to this process.

Regulation

It is expected that regional regulation (especially in EU) will come into place soon for data sharing.
Awareness and preparation is needed to make sure all the needed processes and tech are in place.

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Eclipse Dataspace Working Group

Mission: to create scalable, industry-ready open-source components and specifications for dataspaces through open collaboration and standards.

Primary objective: to **encourage**, **develop**, and **promote open source solutions** that enable organisations of all sizes to participate in dataspaces, fostering **global adoption of dataspace technologies** and **trusted data sharing ecosystems**.

Initial Focus: **standards** development, onboarding and implementing **open source projects** and providing **guidance,** and guiding them to support a broad ecosystem of **interoperable dataspaces.**

Strategic Members

AMADEUS

gaia-x

Catena-X Automotive Network

iSHARE

Fraunhofer

INTERNATIONAL DATA SPACES ASSOCIATION

Microsoft

T Systems

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What we DO

We focus on Open Source interoperable software

- Eclipse Dataspace Components
- Eclipse Dataspace Protocol TCK

We produce Open Source specifications for standardizing Dataspace protocols

- Eclipse Dataspace Protocol
- Eclipse Dataspace Decentralized Claims Protocol
- Eclipse Conformity Assessment Policy and Credential Profile
- Eclipse Data Rights Policies Profile (DRP)

What we are NOT DOING

- Reinventing the (Dataspace) wheel
- Producing new reference architectures
- Defining new requirements
- Providing blueprints
- Deriving any new use cases

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Workflow & Architecture: Specification Groups

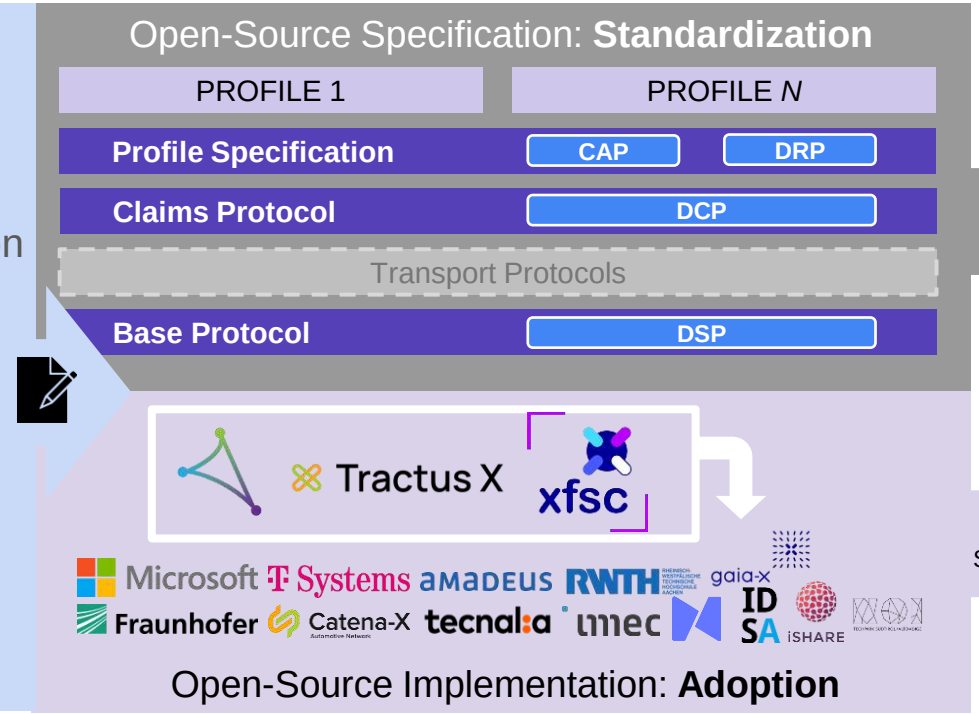
Data Act Chapter VIII

Interoperability - Article 33

- Automatic access & transmission
- Open formats & vocabularies
- Find, access & use
- Smart contracts

Interoperability - Article 36

- Consistency
- Safe termination/interruption
- Robustness & access control



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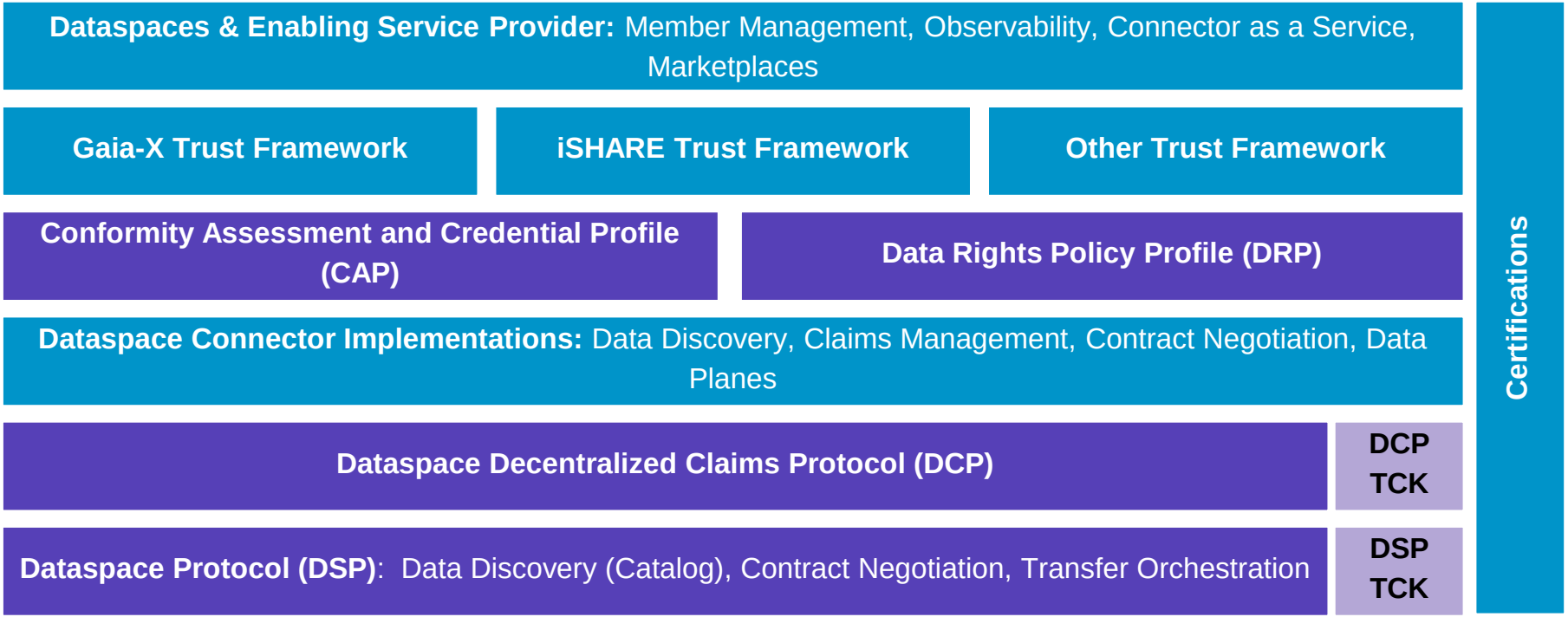
How do these protocols fit into the full stack?



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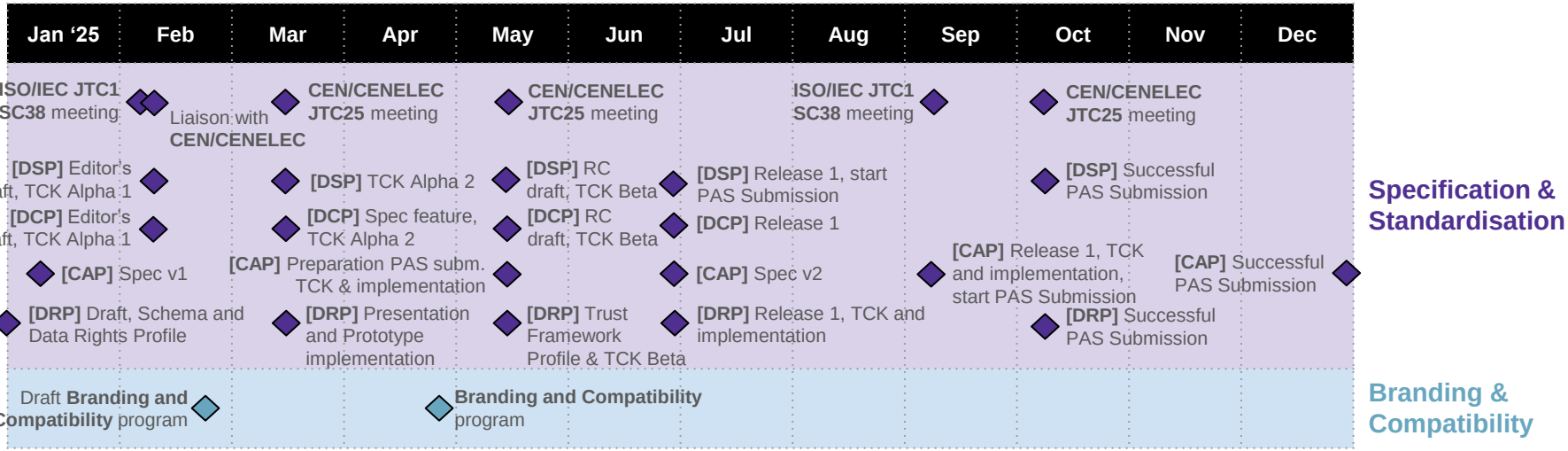
Milestone Planning EDWG 2025



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The Value of Membership

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The Value of Working Groups

Benefit from significant cost savings through shared resources and collaborative development.

Gain access to a pool of industry experts and thought leaders to drive your projects forward.

Influence and lead industry standards and projects through active participation and leadership roles.

Accelerate your innovation pipeline by collaborating with leading organizations and leveraging open source technologies.

Enhance your market visibility and credibility by associating with a renowned foundation.

Ensure the sustainability and longevity of your technological investments by engaging in strategic initiatives.

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The value of EDWG membership

Standard supervisor

Be part of the decision making process regarding the specifications and eventual standardisation of Dataspace protocols

Interoperability master

Contribute on the way specifications/standards are globally harmonised for Dataspaces

First to know

Be well informed strategically about what is happening on OSS projects for Dataspaces and evaluate potential impact

My work matters

Be recognised as a thought leader in Dataspace implementation/specification Contact other thought leaders

Giving back to the community

Support the coordination of the Dataspace OSS projects financially because you rely on them

Trusted developer

Certify your Dataspace modules to prove its compatibility with OSS specifications/standards

Implementation business advisor

Be part of the strategy facilitation for OSS implementation projects in Dataspaces

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Strategic member

Business Opportunities

I recognize the potential for **fragmentation** in the dataspace ecosystem, which could limit seamless participation in the broader **data economy**.

Staying aligned with **evolving dataspace standards** is essential to maintain **relevance** and **competitiveness** in my industry.

As I **rely** on OSS Dataspace projects, it is crucial that their **strategic direction** aligns with my **business goals** to avoid potential disruptions.

Interoperability master

Join a collaborative framework to shape unified standards, reducing fragmentation and enhancing interoperability

Standard supervisor

Gain early access to developing standards and can contribute to their formation

Implementation advisor

Influence OSS dataspace project trajectory and ensure they support my long-term objectives

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Funded project member

Business Opportunities

As I actively **use OSS dataspace modules**, I am committed to **contributing back** to ensure their long-term sustainability and growth.

Positioning my project as **aligned with the EDWG** is crucial to **demonstrate** that I am actively contributing to important **industry initiatives**.

I need timely updates on **news and developments** related to OSS in dataspaces to **quickly adapt** and seize **new opportunities**

Giving back to the community

Support and influence the sustainability of dataspace OSS modules

My work matters

Formal recognition of my project's contributions, showcasing my commitment to advancing the dataspace ecosystem

First to know

Direct channel to the latest insights, trends, and developments in OSS dataspaces

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ECLIPSE DATASPACE

Membership Levels and Benefits

Dataspace offers various membership levels, designed to match your organisation's open source journey:

Strategic Member

Organisations that view the Dataspace Working Group's **standards, specifications, and technologies as critical to their goals**, investing significant resources to sustain and shape the group's activities.

Fees: **€15 000-50 000**

Participant Member

Participant Members are typically organisations that **deliver products or services based upon related standards, specifications and technologies**, or view this working group's standards and technologies as strategic to their organization

Fees: **€10 000-20 000**

Support Member

Supporting Members are organizations that show initial support for this working group for **up to one year**, with limited participation in meetings and no voting rights, before transitioning to a different membership level.

Fees: **€1 000-5 000**

Committer and Guest membership is also available at no fee. See the working group charter for details.

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Useful material and references

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Summary

Be at the forefront of the Dataspace **standardization**

Help us build the **strategy** for the Dataspace ecosystem

Join the **adopter community** of Dataspace OSS solutions

Resources:

- Charter
- Working Group Participation Agreement
- Working Group Process
- Working Group Operations
- Working Group Mailing List (open to public)
- Working Group Web page

Contact us!

Javier Valiño

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Thank you!

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