Continental

1,173,114 followers

We put software at the top of our growth agenda. This is why Continental works closely together with others, connected, and values combining Hardware & Software knowledge. We can only do this together.

Listen to our CTO Automotive Gilles MABIRE explain why joining forces with the EclipseFdn matters to Continental. #SoftwareDefinedVehicle #software #automotive
Join the Eclipse Software Defined Vehicle Working Group

Let’s collaborate and integrate!
New Value Creation Options: From Buy & Manage to Make & Collaborate

<table>
<thead>
<tr>
<th>Buy</th>
<th>Make</th>
<th>Collaborate &amp; Contribute</th>
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</thead>
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<tr>
<td><strong>Buy</strong></td>
<td><strong>Make</strong></td>
<td><strong>Collaborate &amp; Contribute</strong></td>
</tr>
<tr>
<td>• Debundling of ECU + SW</td>
<td>• Talent</td>
<td>• Decide to trust</td>
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<tr>
<td>• SW – Containerization</td>
<td>• Talent</td>
<td>• Follow instead of control</td>
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<td>• HW – EMS</td>
<td>• Talent</td>
<td>• Share loads &amp; resources</td>
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<tr>
<td>• 1st tiers mirroring OEMs</td>
<td>• Focus</td>
<td>• Increase Quality</td>
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<td>• OEMs competing 1st tiers</td>
<td>• Reality check</td>
<td>• Mindset Challenge</td>
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How many platforms are sustainable?
Eclipse SDV – Working Group Mission and Strategy

Provide a forum for individuals and organizations to build and promote open-source software, specifications, and open collaboration models needed to create a scalable, modular, extensible, industry-ready open-source licensed vehicle software platform to support in-vehicle and around the vehicle applications development and deployment.

It is the intent of the Working Group to support a ‘code first’ approach to solving problems together.

Support for open-source projects
- provide guidance for new emerging projects
- provide tools and infrastructure support for new projects

Align innovations based on industry needs
- observe and drive industry trends
- make Security a “Day Zero” Priority

Thought Leadership
- pro-actively talk about challenges, solution and market trends
- Provide a smooth onboarding experience for users of open-source projects

Community Building
- Facilitate community events to foster exchange between members
- Grow the community and increase memberships
Projects and Working Groups

Projects
- Group of committers
  - Build code, specification documents, documentation

Working Groups
- Group of organizations
  - Focus, promote and augment Eclipse technologies
    - Open Governance
  - Transparent
  - Open
  - Vendor-neutral

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Eclipse Foundation Working Groups
Foundation in a box

Vendor-Neutral Governance
Collaboration under a vendor neutral governance model

Ecosystem Development and Marketing
Eclipse Foundation staff help build a community for collaboration through marketing and community programs

Collaborative Management
Working groups coordinate the efforts of open source projects by providing a shared vision and roadmap

Specification Development
Eclipse Working Groups use the proven Eclipse Specification Development processes that provides a framework for the development of specifications in open source

Branding and Compatibility
Creating branding and compatibility programs to build a trusted ecosystem of implementers and consumers
Relationship between Projects and Working Groups

- There is no notion of Working Group ownership of Projects
  - Working Groups are intended to complement open source projects by undertaking activities that open source projects are not well suited for

- Working Groups express non-exclusive interest in Projects
  - Specification Projects are automatically included in the Working Group’s project set

- The union of the Committers from a Working Group’s Projects comprise the Working Group Committers
The Projects
What’s next
Project Phases

- Pre-Proposal
- Proposal
- Incubation
- Mature

Phases:
- Pre-Proposal
- Proposal
- Incubation
- Mature

Phases Details:
- Internal
- Public

- Creation Review
- Graduation Review
Eclipse Open Source Project Timeline

**Proposal**
- Community Review: ~2 weeks
- Creation Review: 1 week

**Incubation**
- Incubation: ~3-6 months

**Mature**
- Graduation Review: 1 week

*Not to scale*
Tracking the Proposal

EMO(ED) Approval to Post

Create Tracking Issue

Start Community Review

Trademark Review

License Check

PMC Approval

Capture Resource Requirements

Start Creation Review

Provision

https://gitlab.eclipse.org/eclipsefdn/emo-team/emo/-/issues
What’s Next

Initial Contribution → IP Team Review → Move to EF Git → Set up Builds, Processes → Gidday Up
Resources

• Eclipse Foundation Project Handbook
  • [https://www.eclipse.org/projects/handbook](https://www.eclipse.org/projects/handbook)

• Eclipse Foundation Committer Training
  • [https://www.eclipse.org/projects/training](https://www.eclipse.org/projects/training)

• “Incubation” Mailing List
  • [https://accounts.eclipse.org/mailing-list/incubation](https://accounts.eclipse.org/mailing-list/incubation)

• Eclipse Management Organization (EMO)
  • emo@eclipse-foundation.org
The Projects
How to engage
Governance principles

Transparency

Openness

Vendor Neutrality
Who’s Who?

PMC

Governance, oversight

Pull requests

Eclipse Project

Git

Issues

Resolve

Manage, plan, schedule, ...

Contributors

Push, accept pull requests

Committers

Employs

Working Group
Becoming a Committer

Meritocracy by contribution

• Committer status is not automatic
• Establish a pattern of contribution
• Committer nominates

Committer Election

• Define trust;
• Maintain vendor/employer neutrality; and
• Operate transparently
THANK YOU