



SDV Contribution Day Project Ecosystem

2022.09.22



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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**



Christoph Herzog and 429 others

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New Value Creation Options: From Buy & Manage to Make & Collaborate



Buy

- Debundling of ECU + SW
- SW – Containerization
- HW – EMS
- 1st tiers mirroring OEMs
- OEMs competing 1st tiers

Make

- Talent
- Talent
- Talent
- Focus
- Reality check

Collaborate & Contribute

- Decide to trust
- Follow instead of control
- Share loads & resources
- Increase Quality
- Mindset Challenge

ECLIPSE
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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 tooling 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



Transparent
Open
Vendor-neutral

Working Groups



Group of committers

Build code, specification documents, documentation

Group of organizations

Focus, promote and augment Eclipse technologies
Open Governance

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

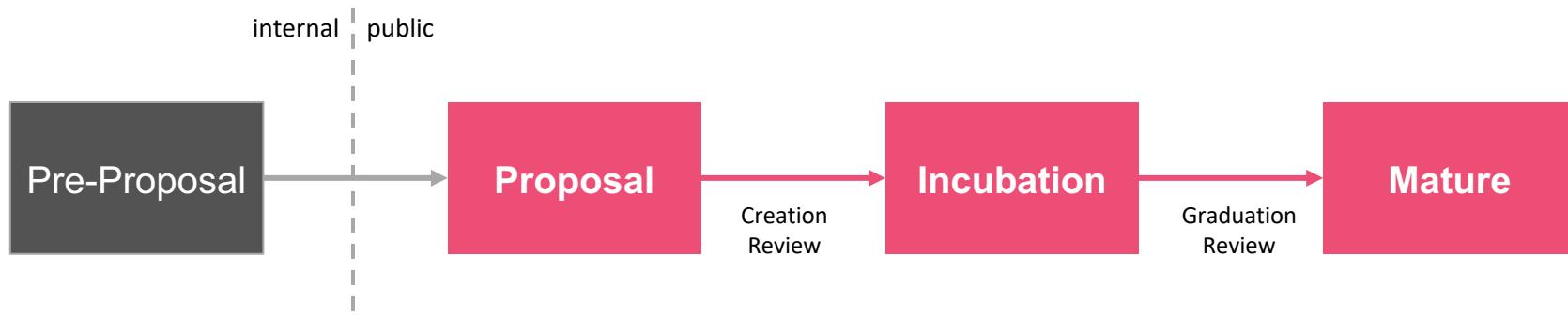
Relationship between Projects and Working Groups

- 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

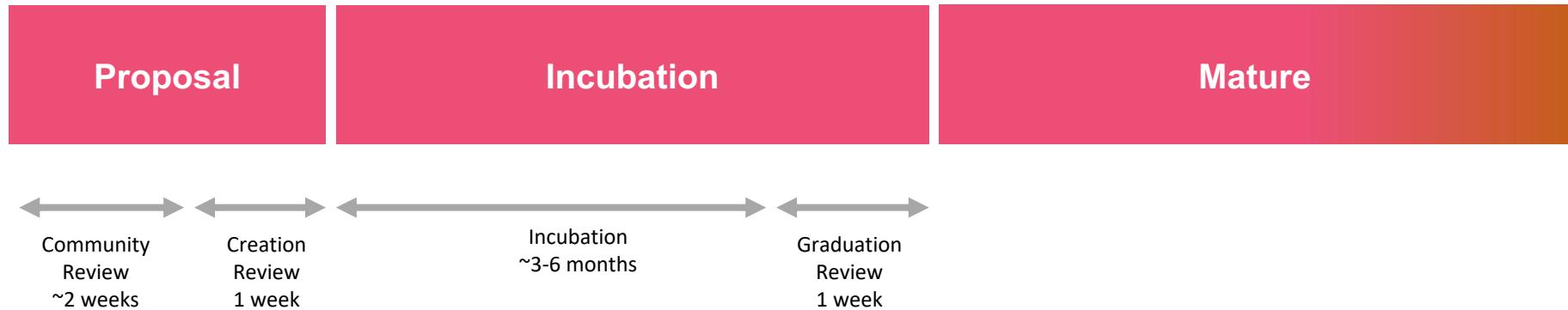
The Projects

What's next

Project Phases

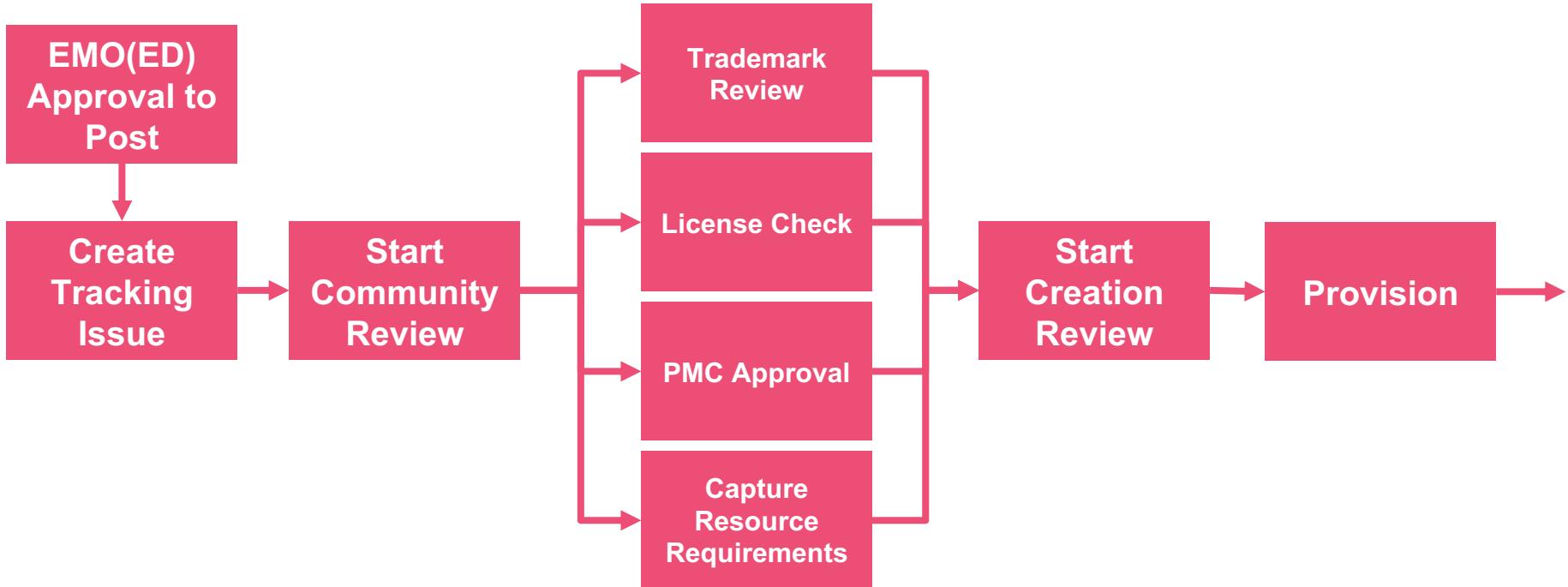


Eclipse Open Source Project Timeline



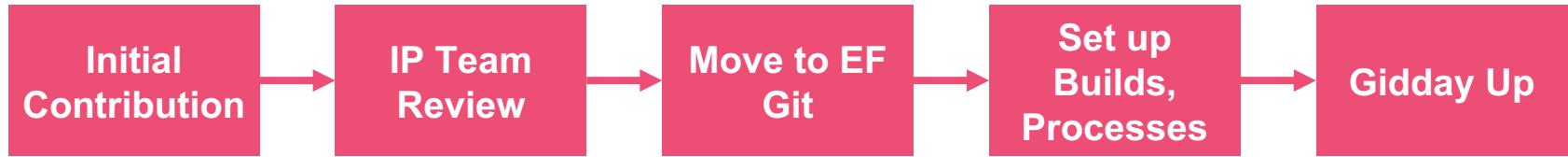
*Not to scale

Tracking the Proposal



<https://gitlab.eclipse.org/eclipsefdn/emo-team/emo/-/issues>

What's Next



Resources

- Eclipse Foundation Project Handbook
 - <https://www.eclipse.org/projects/handbook>
- Eclipse Foundation Committer Training
 - <https://www.eclipse.org/projects/training>
- “Incubation” Mailing List
 - <https://accounts.eclipse.org/mailing-list/incubation>
- Eclipse Management Organization (EMO)
 - emo@eclipse-foundation.org

The Projects

How to engage

Governance principles

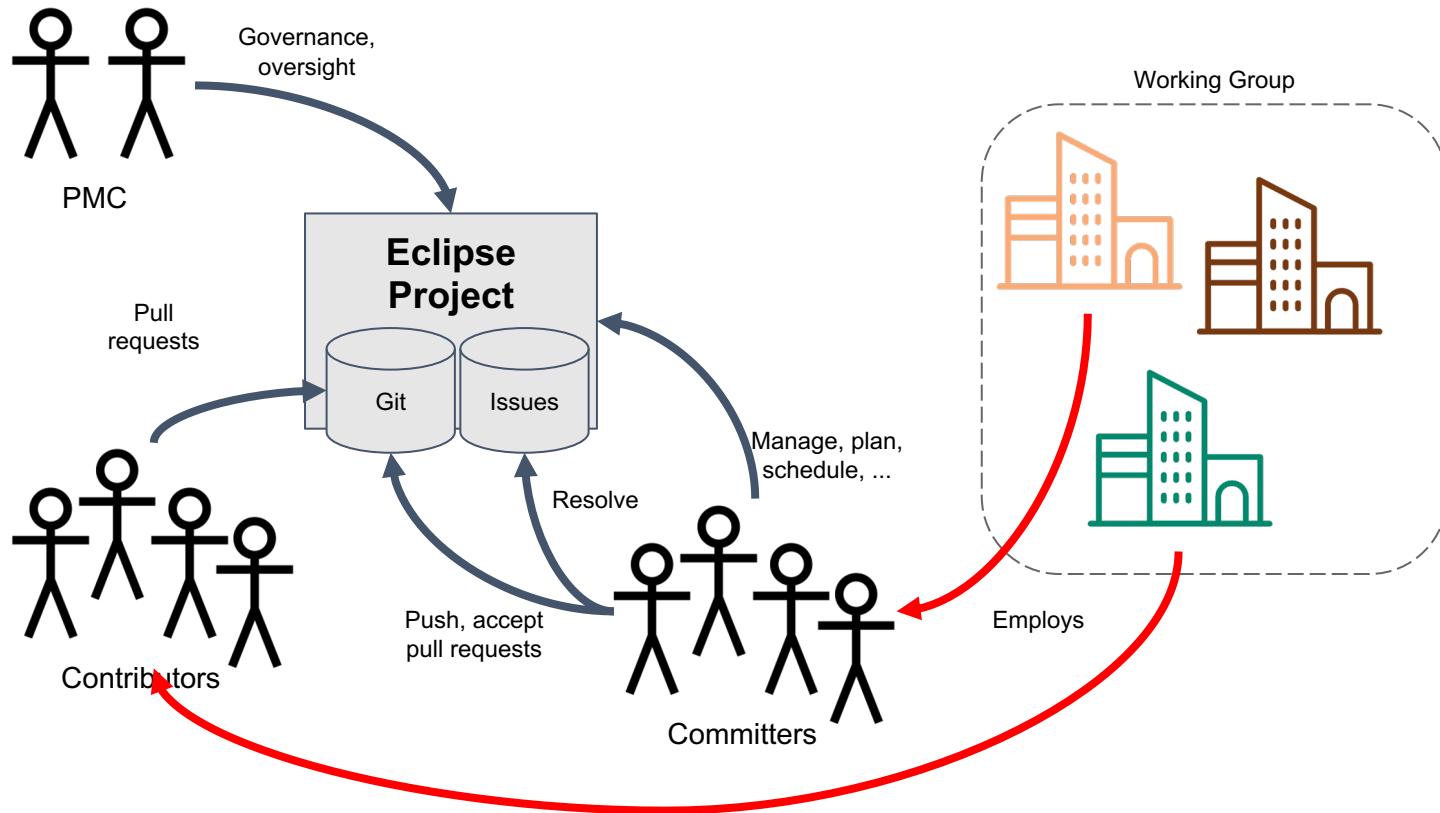


Transparency

Openness

Vendor
Neutrality

Who's Who?



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

COMMITTER TOOLS

The following commands are available to project committers:

Elections

- Nominate a Committer
- Nominate a Project Lead

Intellectual Property

- Create a Contribution Questionnaire
- Generate IP Log
- Contribution Questionnaires

Communication

- PMC Mailing list
- Send Email to the PMC...
- Send Email to the Dev List...

Documentation

- Legal Documentation Generation

Releases

- Create a new release

THANK YOU

