



Eclipse IDE Working Group Community Call

Agenda

- > **Welcome and Introduction : Mark Goodchild, Renesas**
- > **IDE Working Group Program Plan 2023 : Mark Goodchild, Renesas**
- > **Strategic Update : Johannes Matheis, Vector**
- > **Dev Funding Initiative Update : Jonah Graham**
- > **Open Discussion**

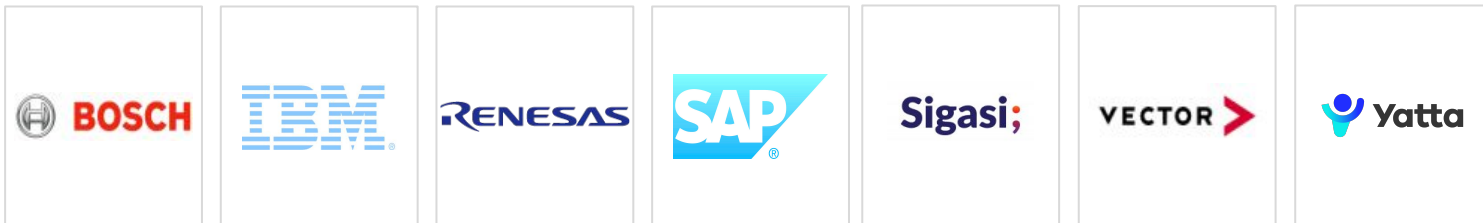
Welcome - Eclipse IDE Working Group Reminder

- > In April 2021, the Eclipse Foundation launched the Eclipse IDE Working Group to focus on the Eclipse IDE and the Eclipse Simultaneous Release (SimRel).
- > The group aims to ensure the continue and build on these projects for a successful future.
- > A goal of the group is to foster the growth and evolution of the ecosystem.
- > Creating true value for users by developing the platform with a user-centric focus. We have development efforts in progress which are funded by the working group.
- > The Eclipse IDE has a very large market share for many domains. The group intends to keep this share and increase it.
- > A new website was created and this is intended to be the home of both the IDE and the Working Group: [Eclipse IDE | The Eclipse Foundation](#)

Eclipse IDE Working Group Membership



Strategic



Supporter



Sponsor



More Information

- [Working Group Charter](#)
- [Participation Agreement](#)
- [Program Plan](#)



2023 Eclipse IDE Working Group Program Plan

Our Current Mission

- Ensure the continued **sustainability, integrity, evolution, and adoption** of the Eclipse IDE & RCP suite of products and related technologies.
- Establish a strategy to deliver a commercial quality **community-driven** IDE and extensible platform.
- Create true value for users by developing the platform with a **user-centric** focus.
- Provide **open governance, guidance, and funding** for the communities that support the delivery of the Eclipse Foundation's flagship "Eclipse IDE" products.
- Foster the growth and evolution of the **ecosystem**.

Strategic Objectives

- Provide development resources to deliver a commercial quality community driven IDE and extensible platform.
 - Provide governance support, resources, and funding for the development of the projects (<https://eclipseide.org/projects/>) in the simultaneous release, as well as a framework for the resulting products.
 - Drive engagement among organizations and within the community.

Our Strategy

Value

- Deliver a commercial quality community driven IDE and extensible platform.
- Address the top priority items which have been identified by the Planning Council.
- Ensure **quality, reliability,** and **predictability** of SimRel.
- Sustain the **momentum** and maintain the **viability** of existing projects.

Growth

- **Increase membership** of the working group from within the larger Eclipse ecosystem, and outside by providing a compelling vision for the IDE and platform.
- Engage with community with an objective to increase adoption (**user base**), **products**, and **committers**.

Innovation

- Actively **align project roadmaps** with core technological development, for the benefits of our members.
- **Lower barriers to adoption** by improving user experience.

Value - Objectives

- **Deliver a commercial quality community-driven IDE and extensible platform**
 - Create a strategy that can be shared with the community.
 - Grow funding to build a dedicated team to provide improvements.
 - Approach from a product perspective and define community driven roadmap.
- **Address the top priority items which are identified by the Planning Council**
 - Assist with funding and drive development efforts inline with recommendations from the Planning Council.
- **Ensure quality, reliability, and predictability of projects participating in SimRel**
 - Invigorate dormant projects on which other projects depend.
 - Sustain dedicated Program Manager cum Release Engineer to oversee SimRel and follow up on items that need to be addressed.
- **Sustaining the momentum and maintain the viability of existing projects**
 - Support our members with **advice and technical guidance**.
 - Provide a **forum** for members to discuss and address their needs.
 - Improve the user experience of Eclipse IDE family of products.

Growth - Objectives

- **Increase revenue of the working group from within the larger Eclipse ecosystem, and outside**
 - Aim for at least **1 new strategic member** this year.
 - Aim for at least 2 new sponsors this year.
 - Look at additional ways of growing donations via Eclipse IDE.
 - Create a short summary of why new members should join the group also Q&A sheet.
 - Go through the company list to approach those not yet joined the WG.
- **Increase adoption (user base), products, and committers by engaging with the community**
 - Promote **thought leadership** to outline, publish, and highlight relevant use cases.
 - Facilitate **technical demonstrations** / proofs-of-concept of these use cases. E.g. webinars
 - Identify common threads across projects, to increase sustained contributions resulting in commit rights. Address barriers to entry for new committers.
 - Encourage participation and promotion in **local and international conferences**.
 - Increase value for existing members by supporting and showcasing commercial adoption of products based on Eclipse Technology.

Innovation - Objectives

- **Facilitate projects to implement core technological development, for the benefit of our members**
 - Collect requirements (technological and business) from members.
 - Advocate for member requirements with regards to project development, and core protocol development.
- **Lower barriers to adoption by improving user experience**
 - Address current barriers for various personas - Eclipse Developers, Java Developers, C/C++ Developers, Cloud Developer, Mobile App Developers, RCP App users,... .
 - Evaluate newer UI technologies / frameworks for certain projects.

Marketing - Planning for Growth

- Publish white papers or blogs on commercial adoption of Eclipse IDE, used in various industry verticals.
- Showcase commercial products built on Eclipse IDE at various conferences.
- Engage with universities and conduct internships.



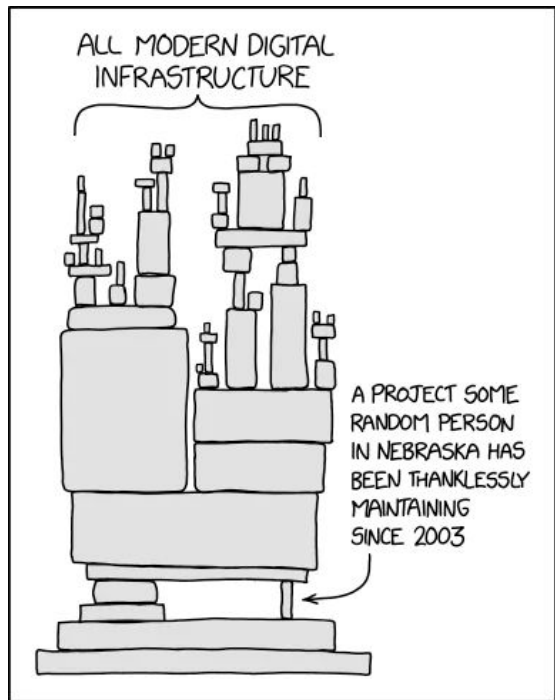
Eclipse IDE WG Strategic Update

Johannes Matheis – Vector Informatik GmbH



Thank You All!

(F)OSS – Usage transferred to Eclipse IDE



<https://xkcd.com/2347/>



e. g. Babel Project:
maintained by Gerald
Mitchell (North Carolina)
supported by Dennis

<https://projects.eclipse.org/projects/technology.babel/who>

It is on us as a
community to
drive the
Eclipse IDE!

Trends affecting the future of IDEs



AI-supported coding

e.g., ChatGPT, GitHub Copilot, and there is more to come ...



Simplification and streamlining of development workflows

e.g., one-click workspace, Ui/UX, integration



Support of emerging technologies

e.g., mobile apps, PWAs, IoT, blockchain, containerization, clouds, ...



Rise of APIs

e.g., SaaS/PaaS, low code and no code platforms, “extensions”, ...



Cloud IDEs

Work from anywhere, on any device



Greater emphasis on security

e.g., encryption of code and data, supply chain security, ...



Social coding

e.g., shared code editors for real-time pair programming, ...



Ecosystems, not just communities

e.g., Marketplaces and in-app stores

Eclipse IDE WG

- > In 2021 Eclipse IDE Working Group was founded:
 - Formed to ensure the continued sustainability, integrity, evolution, and adoption of the Eclipse IDE & RCP suite of products and related technologies
 - Development Funding Initiative
 - <https://eclipseide.org/working-group/development-funding-initiative/>
- > In 2022:
 - Secured Simultaneous Release
 - Development Funding Initiative (continued)
 - By far not enough for the ongoing success of the Eclipse IDE
- > In 2023:
 - Steering committee member companies would like to continue to base their products on the Eclipse IDE and platform for the foreseeable future and would like to invest in it in order to incrementally maintain and even improve it - in the long run.

Strategic Investments in the Eclipse IDE

- > Ramp up of 12+ developers started
 - Development focused on Eclipse Project and its subprojects
- > Activity is already visible in Eclipse Platform Project
 - New contributors and committer
 - More activity of existing contributors and committers
- > Additional sponsorship of Eclipse IDE WG planned in 2023
 - First sponsorship already received
 - Contact Paul Buck (EF) for development funded work



Eclipse IDE Working Group on-site meeting
2023-03-29 Yatta, Frankfurt



Collaboration Model

- > Transparency is key for our initiatives
 - Ensure the proposed work is discussed with the relevant projects and risks identified which might challenge success
 - Setup and coordinate a regular call (quarterly) with the planning council to discuss work planned
 - Visible roadmaps for new identified work - align with projects
- > Identified work packages will be defined as GitHub issues and communication with the project should follow the same processes as now

Community Management

- > Contributor Management
 - Easy access for new contributors
 - <https://github.com/eclipse-platform/.github/issues/119>
- > Building bridges to our projects
- > Provide information for potential member companies of the Eclipse IDE WG
- > Connect to other working groups
- > Establish health measurement statistics
- > New Sub-Committee approved in last Steering Committee meeting to support these activities

What is next for 2023?

26.04.2023
Community Call

05.07.2023
Hackathon

Under discussion
around Hackathon

16.10.2023-
19.10.2023
EclipseCon
Ludwigsburg
(Germany)

Under discussion
M-E.12.2023
IDE Steering
Committee Onsite

Walldorf
(Germany)

IDE Steering
Committee Onsite



Community

Community

Strategy and
Collaboration

Community Day
Presentations
Hackathon
Strategy and
Collaboration

Strategy and
Collaboration

Application
details will
follow

How to contribute and get in touch with us

- > Contribute to the Eclipse IDE projects
- > Become a member of the Eclipse IDE WG
 - Take part and support the discussions of vision and strategy
 - Decide on development initiatives
 - Interact with other strategic members on regular basis
 - Assure that general work gets done
 - membership@eclipse.org
 - collaborations@eclipse-foundation.org
- > Sponsorships
 - <https://www.eclipse.org/sponsor/>
 - Working Group Sponsorship Agreement (eclipse.org)
 - <https://www.eclipse.org/org/workinggroups/sponsorship/working-group-sponsorship-agreement.pdf>

It is on us as a community to assure and describe the future of the Eclipse IDE!





How the IDE WG helps and supports projects by funding prioritized engineering work

Jonah Graham - Planning Council Chair
Based on work by Paul Buck - Vice President,
Community Development

Eclipse IDE Working Group Development Funding

- > The IDE Working Group is utilizing the [Working Group Development Effort Guidelines](#) to allocate a portion of its budget to fund development efforts in support of projects within its purview.
- > Available budget is allocated to support contract development to advance the working group and/or its associated projects.
- > Over and above typical way projects and initiatives are advanced
 - address enhancements
 - address tragedy of the commons or other inhibitors preventing use
 - host an instance of a project
- > Related governance is solely implemented and managed exclusively by the Eclipse Foundation.

[Read more on *Helping to Assure the Future of the Eclipse IDE*](#)

Guiding Principles

- > Adhere to the principles of transparency and openness
- > Complement the existing community development efforts
- > Encourage a “multiplying effect” where community participation is amplified by this funding program’s undertakings
- > Ensure funds allocated fit within the overall working group program plan and budget
- > Transparent engagement
- > Provide summary of expenditures made on behalf of the working group

Roles and Responsibilities

- > Eclipse Foundation serves as the contracting body to manage development effort on behalf of the Working Group
- > Eclipse Foundation seeks engagement of capable service providers to see the efforts are carried out
- > Eclipse Foundation delegates a staff representative to manage the various tasks on its behalf
- > Working Group Steering Committee designates one or two delegates to collaborate with Eclipse Foundation

The Process

Identify

Produce prioritized backlog of enhancements
Create list of desired efforts in required format
for use for the purpose for proposals to carry out
required dev efforts

Bid Solicitation/Contract

Process
Proven effective way to solicit bids
Bids remain confidential
Contract(s) produced in prescribed format
Output = documented and agreed SOW



Award of Contract

EF evaluates and awards contract based
on a prescribed set of criteria
Contractors execute a Services
Agreement and SOW with the Eclipse
Foundation

Sign Off

Contractor provides:
Open source code (committed to project)
Test Harness(es)
Documentation
Any other appropriate deliverables

Request Payment and Close Contract



Eclipse IDE Working Group

- > Steering Committee Delegates:
 - Jonah Graham & Martin Lippert
- > Eclipse Foundation Staff:
 - Paul Buck & Sharon Corbett
- > IDE Working Group Budget Funding:
 - SimRel Architect / Release Engineering
 - Engineering & Development Initiatives - Development of the Commons
- > Identification of priorities
 - The IDE WG Steering Committee delegates technical priorities to the Eclipse Planning Council

Committed Funds

- > Total working group funds committed to date:

| | Year | Funding Effort |
|---|------|----------------|
| ✓ | 2021 | €49,000 |
| ✓ | 2022 | €164,000 |
| | 2023 | €183,000 |

The image features a dark purple background with a bokeh effect of light spots and falling golden confetti. The Renesas logo is centered in a white, stylized font. Two bright starburst effects are positioned on either side of the logo.

RENEASAS

THANK YOU

Special thanks to Strategic Member Renesas for its recent sponsorship to the Working Group!

Recent Highlights

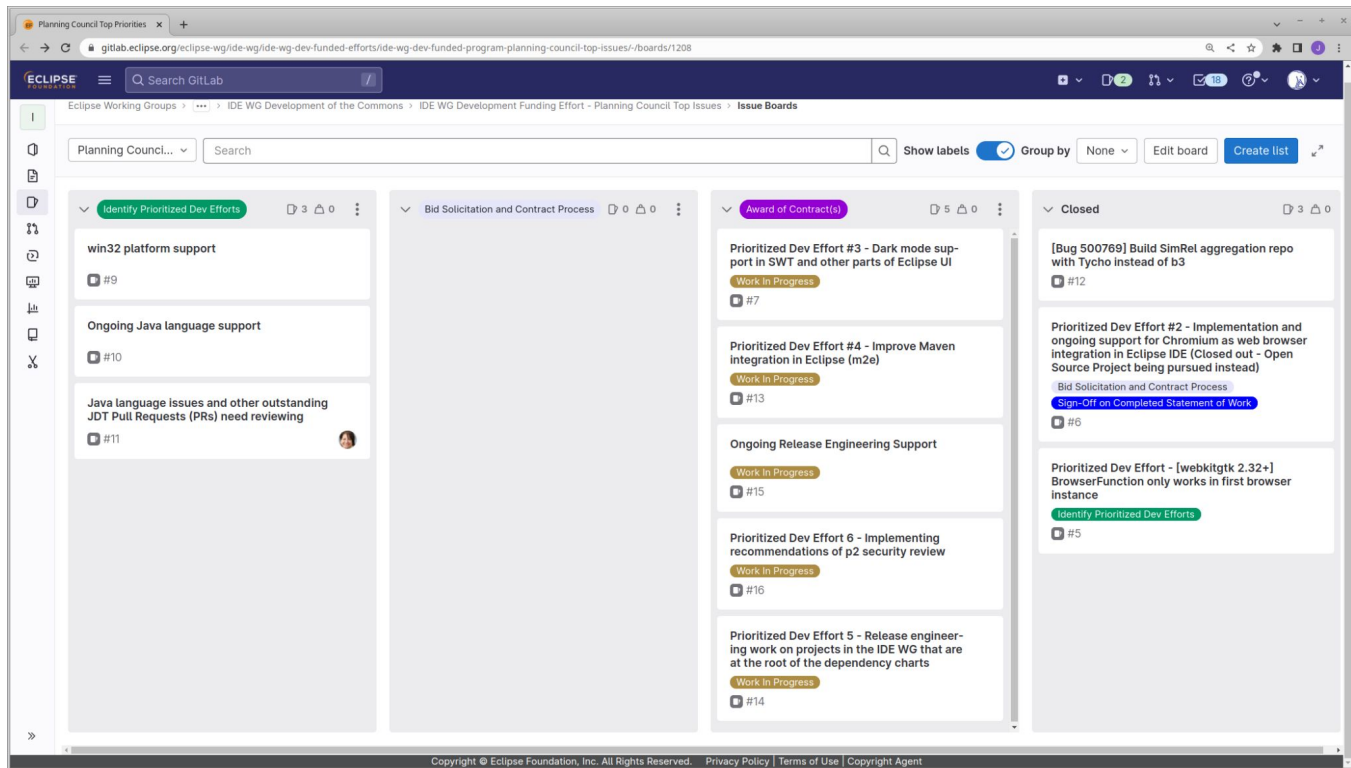
- > Maven Integration (m2e)
 - [Focus on improving usability for Maven users in the Java IDE](#)
 - [Many small improvements to m2e \(Buildship too!\)](#)
- > Security in p2
 - [Implementing recommendations of p2 security review](#)
 - [Fix CVE-2021-41033](#): Provide improved support for dealing with http protocol in p2
- > Release Engineering and Management
 - [Dependabot integration](#)
 - [Improved infrastructure for consuming Maven artifacts](#)
 - Ongoing Eclipse [Platform](#), [SimRel](#) and [Tycho](#) release engineering

Achievements to Date

| Development Effort | GitLab Issue | Status | Contract Awarded | Result |
|---|-----------------------|-------------|---------------------|--|
| [webkitgtk 2.32+] BrowserFunction only works in first browser instance | Issue | Completed | Nikita Nemkin | Fixed - Bug Resolved |
| Implementation/support for Chromium as web browser integration in IDE | Issue | Completed | No | Closed - Open source project being pursued instead |
| Dark mode support in SWT and other parts of Eclipse UI (Umbrella Bug) | Issue | In Progress | John Moule | Ongoing |
| SimRel release engineering and analysis | Issue | In Progress | Ed Merks | Ongoing |
| Improve Maven Integration in Eclipse (m2e) | Issue | In Progress | Christoph Laeubrich | Ongoing |
| Implementing recommendations of p2 security review (funded by Eclipse Foundation) | Issue | In Progress | Ed Merks | Ongoing |
| Tycho and Eclipse Platform release engineering | Issue | In Progress | Christoph Laeubrich | Ongoing |

[GitLab Development of the Commons Board](#)

GitLab Development of the Commons Board



[GitLab Development of the Commons Board](#)

Thanks for Attending!

