



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

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.

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

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
- > 2022 IDE Working Group Budget Funding:
 - SimRel Architect / Release Engineering
 - Engineering & Development Initiatives - Development of the Commons

Achievements to Date

> SimRel Architect / Release Management

- [Simultaneous Release](#) (2022.03, 2022.06, and 2022.09)
 - Versions 4.23, 4.24, and 4.25
 - Download [here](#)
- PGP Signing support
- Identify possible weak spots and help reduce bus factor
- Enhanced CBI p2 aggregator used to produce the SimRel repository and for Maven publish
 - Faster validation ~1 minutes versus ~7 minutes
 - Faster aggregation ~5 minutes versus ~55 minutes
 - Enhanced analysis tools for in-depth dependency analysis

> Development of the Commons

- Planning Council Top Priorities (key stakeholders for the community):
 - determine the highest priority development effort requests to be addressed
 - convert priorities into actionable development tasks
 - engage with qualified resources to carry out the tasks

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
Java language issues and other outstanding JDT Pull Requests (PRs) need reviewing	Issue	Bid Solicitation/Contract Process		
SimRel release engineering and analysis	Issue	Identified		
win32 platform support	Issue	Identified		
Ongoing Java language support	Issue	Identified		

[GitLab Development of the Commons Board](#)

Engagement Opportunities Available

- > Reviewers for PRs
- > Committers
- > IDE alumni/emeritus

Let's Connect!

paul.buck@eclipse-foundation.org

THANK YOU

 **ECLIPSE**
FOUNDATION