

Creation Review: Modeling Amalgamation Project

January 30, 2008

<http://www.eclipse.org/proposals/amalgamation/>

Overview

- Modeling provides many frameworks and tooling for model-driven development.
- There are installation, configuration, and usability issues when trying to use these technologies together (not to mention other-than-Modeling projects).
- The goal of the Modeling Amalgamation project is to augment the current Modeling project with one focused solely on refining the "user experience" when using Modeling project technologies together.

Scope

- The Amalgamation project will provide integrations and improved packaging of Modeling projects, through the use of product definition builds and the Eclipse Packaging Project.
- Configurations will be driven by community demand and offer additional usability offerings when working with several Modeling projects.
 - Modeling package downloads with update site for commercial vendor consumption of modeling technologies
 - A Modeling product download with focus on "toolsmith" functionality (e.g. EMF/GMF/M2M/M2T/TMF SDKs)
 - A Modeling product download with focus on "practitioner" functionality (e.g. UML diagramming)
 - A unified set of modeling capability definitions with Welcome screen activation/deactivation
 - A Modeling project type with facilities to add/remove modeling-related natures and builders
 - Integration and UI features that don't "fit" within individual Modeling projects

Participants

Interest expressed by the following:

- Borland Software Corporation
 - Richard Gronback, Sergey Armensky, Ian Buchanan
- IBM
 - Ed Merks
- Gentleware
 - Peter Friese
- Independent (openArchitectureWare)
 - Bernd Kolb, Sven Efftinge, Markus Voelter

Initial Committers

- Richard Gronback, Borland
 - Initiated and leads Graphical Modeling Framework (GMF) project and co-leads Eclipse Modeling Project PMC. Writing book on “*Eclipse Modeling Project as a DSL Toolkit.*” Leads commercial product team that includes DSL Toolkit using EMP.
- Ed Merks, IBM
 - Long-term committer and lead of Eclipse Modeling Framework (EMF), co-lead of Eclipse Modeling Project PMC. Co-author of EMF book, committer representative on Board of Directors. (everyone knows who Ed is ;-).
- Sergey Armensky, Borland
 - Software Engineer involved in developing Borland’s commercial modeling products, which are based on many Eclipse Modeling Project components. Currently responsible for all aspects of release engineering, based on Eclipse PDE build.

Mentors

- Bjorn Freeman-Benson
 - Eclipse Foundation - Director, Committer Community
- John Graham
 - Sybase - Data Tools Project PMC Lead

Initial Code Contributions

- No initial code contribution
- Example projects from forthcoming Modeling project book are a potential contribution

Project Plan

- Q1 2008
 - Project creation and provisioning
 - Infrastructure erected/populated
- Q2 2008
 - Provide initial download packages with sample projects
 - Gather requirements for UI-nification
- Q2 2009
 - Release 1.0 with synchronized Eclipse release train “IO”

Thank You!

www.eclipse.org/modeling