



# Creation Review

*Kepler: managing the complexity of software communities*

[https://bugs.eclipse.org/bugs/show\\_bug.cgi?id=208178](https://bugs.eclipse.org/bugs/show_bug.cgi?id=208178)

Carlos Sanchez, DevZuz

# Overview



- Kepler aims to improve development community effectiveness
- Kepler aims to make component oriented development simpler
  - By maintaining project metadata that describes people and systems
  - By allowing extensions to this metadata for customization

# Scope



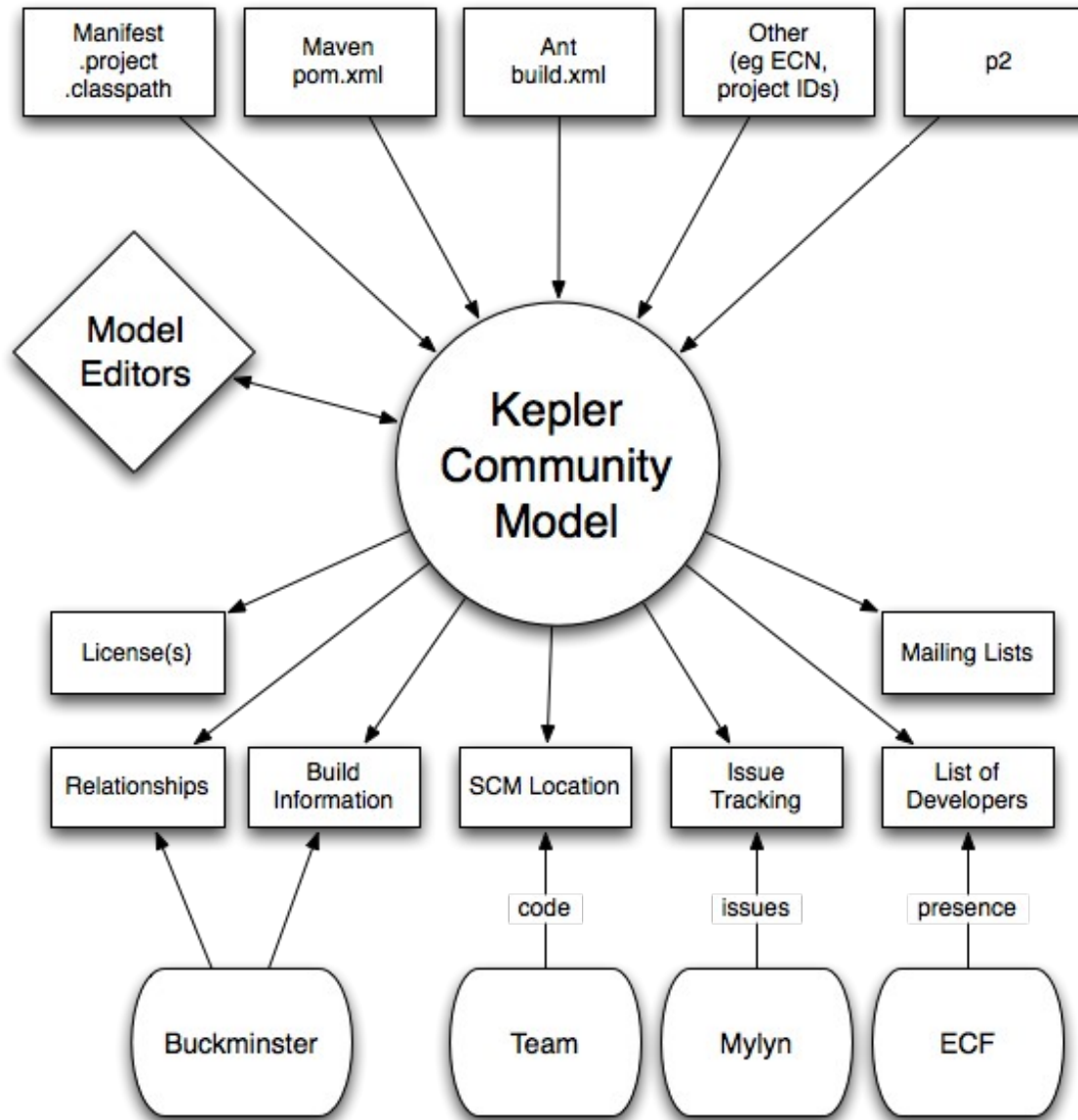
- Kepler will develop a community project model and provide a way to discover the details of the model from existing systems
- Kepler will integrate with
  - Build management tools
  - Continuous integration tools
  - Other tools that may need community information

# Collaborations within Eclipse



- Buckminster
  - Technology neutral materialization model is valuable and can be potentially extended to include community descriptive aspects
- Equinox p2
  - Mechanisms for team workbench assembly and push updates have potential
- Mylyn
  - Valuable integration with tracking systems, potential for extension with community metadata
- Team support
  - Valuable integration with source core repositories

# Data flow overview



# Participants



## Committers

Carlos Sanchez, DevZuz

Philip Dodds, DevZuz

Brett Porter, DevZuz

Mike Lim, Exist

Jonas Lim, Exist

Glenn Gonzales, Exist

Maria Odea Ching, Exist

Catalino Pineda, Exist

Erle Mantos, Exist

Genesis Deiparine, Exist

Thomas Hallgren,  
Cloudsmith

Henrik Lindberg, Cloudsmith



- Carlos Sanchez
  - Apache Maven PMC member since 2004
  - Co-author of the book "Better Builds with Maven"
  - Spring Security committer since 2004
  - Q for Eclipse (Maven integration for Eclipse) project lead
- Philip Dodds
  - CTO of DevZuz
  - Apache ServiceMix PMC member
  - Previously VP of Technology and Architecture at GoldenSource and co-founder of Unity Systems



- Brett Porter
  - Vice President of Engineering and co-founder of DevZuz
  - Co-author of the book "Better Builds with Maven"
  - Member of the Apache Software Foundation
  - PMC member of several Apache projects including Apache Maven since 2003
- Mike Lim
  - CTO of Exist Global
  - Apache Jetspeed 1 and 2 contributor
  - Apache Geronimo contributor
- Jonas Lim
  - Apache ServiceMix PMC member
  - Apache ActiveMQ and Apache Camel committer
  - Eclipse Swordfish committer





- Glenn Gonzales
  - Apache Agila BPM contributor
  - Architect and team lead at Exist Global
- Maria Odea Ching
  - Apache Maven PMC member and committer since 2005
  - Apache Archiva and Continuum committer
- Catalino Pineda
  - Project Architect for Applications at Exist
  - Team Lead, Gluecode SE Application Server
  - Apache Geronimo contributor since 2005

# Bios IV



- Erle Mantos
  - Q for Eclipse (Maven integration for Eclipse) committer
- Genesis Deiparine
  - Q for Eclipse (Maven integration for Eclipse) committer
- Thomas Hallgren
  - Chief architect and co-founder of Cloudsmith
  - Eclipse Buckminster project co-lead
  - Eclipse Spaces committer
- Henrik Lindberg
  - CTO of Cloudsmith
  - Buckminster architect
  - Previously Director of Engineering of BEA's Java Run Time Products Group



## *Project mentors*

- Oisín Hurley, IONA
  - STP project lead
- Thomas Hallgren, Cloudsmith
  - Buckminster project lead

## Community interest

*I'm excited to learn more about the Kepler project. [...] the goal of supporting a community-oriented development model addresses a need that not only exists for open source software projects, but for commercial software development as well. Definitely something that provides value to the IT industry.  
[Dennis O'Flynn]*

- Discussions about the community model have taken place over the last year
- Thomas Hallgren and Henrik Lindberg (Buckminster) provided insight about the Buckminster project and their work on the CSPEC
- Ed Merks (EMF) provided help with the EMF representation of the model
- Mark D Weitzel (IBM) on interaction with system management
- Pete Mackie (Seaquest) about ties with build systems
- Marcin Okraszewski, Dennis O'Flynn (Corona) about model representation
- Nick Chalko (Gump) about community interactions



# Roadmap

