



Equinox p2 - Graduation Review

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Outline



- p2 Overview
- Active Communities
- Open Source Operation
- IP Log
- Future

p2 Overview



- The Equinox provisioning incubator has been created to
 - Refresh the client-provisioning infrastructure of Eclipse
 - Provide an open and extensible provisioning platform
 - Provide a replacement for Update Manager

- p2 now provides
 - Replacement for the Eclipse Update Manager
 - Simplified workflows
 - Improved download technology
 - Flexible infrastructure to provision Eclipse-based applications
 - Bundle pooling, share bundles among Eclipse-based products
 - Provision non-running systems
 - A simple SWT-based installer



What is graduated and where

- Enough to replace Update Manager in the SDK and the underlying framework
- The incubator will stay active
 - To explore with new ideas
 - To develop power tools
- Once graduated, the development will take place in a new component of the equinox project

Active Communities



- Developer Community
 - David Stevenson, DJ Houghton, John Arthorne, Simon Kaegi, Pascal Rapicault, Susan McCourt - IBM (c)
 - Team that initiated the effort
 - Equinox team is committed to supporting this code after graduation
 - Jeff McAffer (c) - Code 9
 - Equinox project lead
 - Stefan Liebig (c) - Compeople
 - Developed infrastructure for artifact processing and implemented binary diff
 - Interested in maintaining and evolving this work in conjunction with the Riena project
 - Andrew Overholdt - RedHat
 - Tim Webb, Jed Anderson - Genuitec
 - Scott Lewis - BEA

(c) Denote people that are committers on the p2 incubator

Active communities (more)



- Eclipse Community
 - ECF is the communication technology used in p2
 - Ganymede will be converted to enable p2 users to install from the update site
 - EPP may provides its packages based on a p2 installer
 - Maynstall investigates a rebasing on p2

- User Community
 - Eclipse Platform team is interested in consuming in 3.4.

- External relationship
 - We have been in close work relationship with the SAT4J project at OW2 (a.k.a. Object Web).

Open Source Operation



- The p2 development has been ongoing in the Equinox Incubator component of the Eclipse Project Incubator
 - Use Bugzilla (bugs.eclipse.org) for workflow using the “Eclipse – Equinox - Incubator” product and component.
 - Use equinox-dev mailing lists, IRC and public phone call for developer discussions
 - Maintain a wiki
 - http://wiki.eclipse.org/Category:Equinox_p2
 - Use eclipse.technology.equinox newsgroup for user discussions

IP Log



- The developers understand and adhere to the Eclipse Development Process, committer responsibilities and due diligence rules, as well as the Eclipse IP Policy.
 - IP Log:
<http://www.eclipse.org/equinox/documents/iplogs/p2IPlog.html>

Future



- Ganymede timeframe
 - Deliver replacement for Update Manager.
 - No API is proposed for graduation.
 - Installer for the eclipse SDK and EPP packages
 - p2-ization of the Ganymede update site

- Post Ganymede
 - Build on the direction initially set
 - Explore the usage of p2 technology in non RCP/IDE scenarios (e.g. servers)
 - Keep on growing the community

Equinox p2 committers bios



- David Stevenson, DJ Houghton, Jeff McAffer, John Arthorne, Simon Kaegi, Pascal Rapicault, Stefan Liebig, Susan McCourt

All of these people have contributed heavily throughout the incubation and are agreeing to continue their participation in the equinox p2 component. Therefore they are nominated to become committers on the new component equinox p2.

- David has contributed serialization / deserialization of repositories and the profile registry, implemented support for translation of the metadata and worked on the update manager compatibility story
- DJ has contributed to update manager compatibility, and p2 build technology
- Jeff contributed to the overall architecture, artifact repositories, the mirroring and optimizing applications
- John has contributed to many areas, improved performance, fixed APIs, implemented p2 installer
- Simon has implemented the engine and contributed to drop-in and reconciler support
- Pascal built the proof of concept and drives the development
- Stefan contributed support for pack200 / diff, artifact repositories, and download technology
- Susan has implemented all of the UI, automatic update support, and other areas