

Eclipse on Linux Distributions Project

Creation Review
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ubuntu

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Initial Project Members

Daniel Bornkessel <dbornkessel@suse.de> – Novell / SUSE

Karl Trygve Kalleberg <karltk@gentoo.org> – Gentoo

Matthias Klose <doko@ubuntu.com> – Ubuntu

Michael Koch <konqueror@gmx.de> – Debian

Ben Konrath <bkonrath@redhat.com> – Red Hat / Fedora

Stephan Michels <stephan.michels@gmail.com> – Debian / Ubuntu

Joshua Nichols <nichoj@gentoo.org> - Gentoo

Andrew Overholt <overholt@redhat.com> – Red Hat / Fedora

Matt Ryan <mryan@novell.com> - Novell / SUSE

Initial Committers

Packaging

- Daniel Bornkessel <dbornkessel@suse.de> – Novell / SUSE
- Karl Trygve Kalleberg <karltk@gentoo.org> – Gentoo
- Matthias Klose <doko@ubuntu.com> – Ubuntu
- Michael Koch <konqueror@gmx.de> – Debian
- Ben Konrath <bkonrath@redhat.com> – Red Hat / Fedora
- Stephan Michels <stephan.michels@gmail.com> – Debian / Ubuntu
- Joshua Nichols <nichoj@gentoo.org> - Gentoo
- Andrew Overholt <overholt@redhat.com> – Red Hat / Fedora

Plugins

- Phil Muldoon <pmuldoon@redhat.com> - ChangeLog
- Kyu Lee <klee@redhat.com> - ChangeLog
- Andrew Overholt <overholt@redhat.com> - RPM

The number of contributors is expected to grow; this is simply an initial group

Goal

Bring Eclipse technology to Linux distribution users

Action Steps

1. Address installation problems with Eclipse packaged in Linux distributions
2. Address update manager issues
3. Improve integration with and support for Linux tools
4. Promote Eclipse technology with Linux users

Current Work

Installation

- Common packaging names and file layout across distributions
- Non-root feature validation
- LSB (FHS)-compliance

Current Work (2)

Update Manager

- Current packages carry a patch to allow the update manager to install into the user's home directory
- Should be applied in the 3.3 stream
- Many Eclipse projects outside SDK being packaged

Current Work (3)

Linux Tools Integration

- GNU Autotools support exists as an extension to the CDT; hopefully part of CDT in the future
- OProfile, RPM, ChangeLog tools exist and improvement work is on-going
- Existing tools will be contributed to this project as soon as possible

Current Work (4)

Promotion

- Linux distribution communities very diverse
- Members continue to promote Eclipse technology within these communities
- Conferences, mailing lists, blogs, etc.

Code

Plugins

- RPM, Oprofile, ChangeLog, future work

Patches

- Any patches common to all distributions that may not be suitable for upstream inclusion. Mirroring of bugzilla attachments may also occur. This will simply be a staging area as we wait for an upstream release or upstream application.

Scripts

- Those used by distributions to ease packaging. Example: scripts used to generate source tarballs of eclipse.org projects

Dates

- Project itself unlikely to ever reach a state of total completion
- Always work to do integrating with Linux systems, promotion, adoption with diverse communities
- Initially, OProfile and RPM plugins will move from cdt-contrib

Dates (2)

- Existing projects not currently hosted on eclipse.org will need to undergo legal review before being committed
 - ChangeLog
 - New features of RPM plugin such as specfile editor

Concrete Dates

- Immediate upon project creation:
 - Commence re-namespacing of cdt-contrib plugins (OProfile, RPM)
 - ChangeLog and new features of RPM plugin submitted for eclipse.org legal review
 - Various distribution scripts and patches consolidated and put into repository

Concrete Dates (2)

- M1 – 1 December 2006
 - Release re-namespaced versions of OProfile and RPM plugins
 - Include common scripts and patches

Concrete Dates (3)

- M2 – 1 February 2006
 - Release first project version of ChangeLog plugin
 - Release bug-fixes to OProfile and RPM plugins as well as new features such as specfile editor

Concrete Dates (4)

- Potential future work
 - SCM tools (GIT, Mercurial, etc.)
 - DEB tools (editor, import/export wizards, etc.)
 - RPM and DEB conversion tools
 - More system integration
 - Make Eclipse aware of separate debuginfo packages