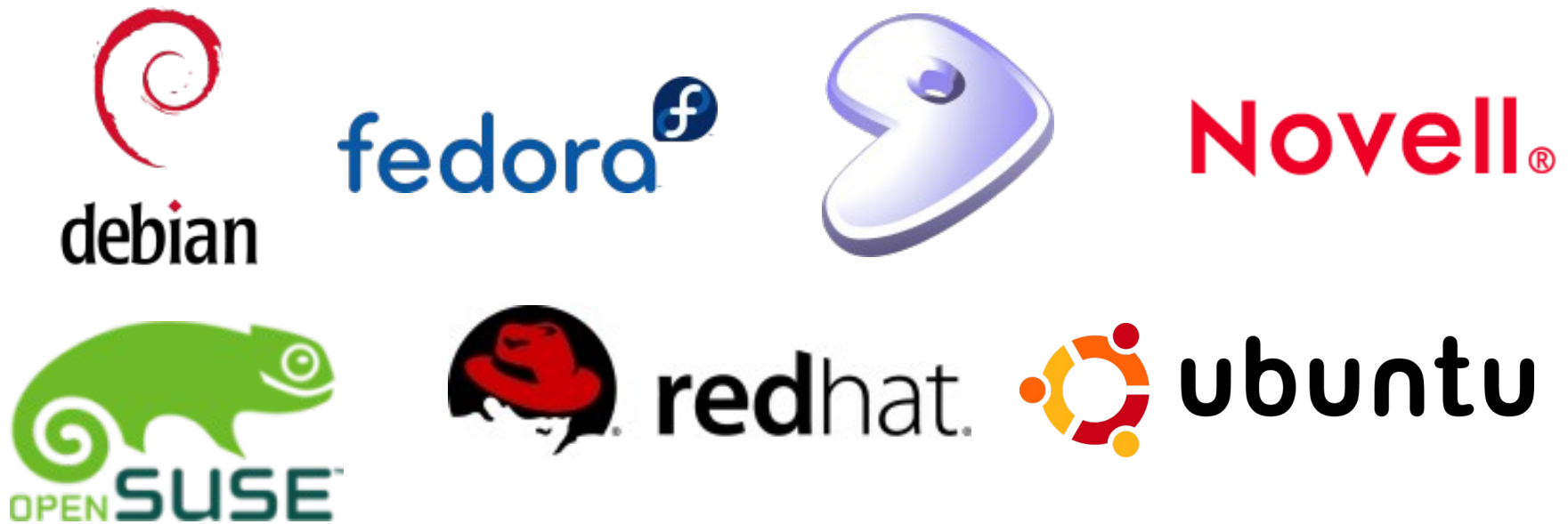


# Eclipse on Linux Distributions Project

Creation Review  
*November 2006*



*All logos are trademark their respective organizations. Members of organizations/corporations participating in this project does not necessarily imply endorsement by that particular project/corporation.*

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

## *Plugins*

- Phil Muldoon <[pmuldoon@redhat.com](mailto:pmuldoon@redhat.com)> - ChangeLog
- Kyu Lee <[klee@redhat.com](mailto:klee@redhat.com)> - ChangeLog
- Andrew Overholt <[overholt@redhat.com](mailto: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 (ie. interaction with multi-user, read-only installs)
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 (ex. EMF, GEF) being packaged for various distributions

# 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 within 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