



# EGit and JGit 0.8.0 Release Review

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# About



EGit is an Eclipse Team provider for Git. Git is a distributed SCM, which means every developer has a full copy of all history of every revision of the code, making queries against the history very fast and versatile. The EGit project is implementing Eclipse tooling for the JGit Java implementation of Git.

JGit is an EDL (BSD) licensed, lightweight, pure Java library implementing Git.

# Introduction



EGit and JGit are Technology sub projects.

- <http://www.eclipse.org/egit/>
- <http://www.eclipse.org/jgit/>

This release is the second release for both projects at Eclipse.org, and the goal is to build an Eclipse community around Git. **EGit is still beta and we want to establish a feedback loop to improve the tooling.**

EGit and JGit will both ship as part of the Helios release train.

# Features



## JGit:

- Git Porcelain API (commit, log, merge commands)
- Many bug fixes (configuration, packing, performance)
- All strings externalized

## EGit:

- Diverse usability enhancements
- Git Repositories view
- Tagging support
- Fast-forward merge support
- Create patch support
- Basic git configuration (user, core, remotes)
- Documentation sourced from wiki via WikiText

# Non Code Aspects



## User Guide and extensive Contributor Guide

- <http://wiki.eclipse.org/EGit/UserGuide>
- <http://wiki.eclipse.org/EGit/ContributorGuide>

Lively discussion on mailing lists show a growing community:

- <http://dev.eclipse.org/mhonarc/lists/jgit-dev/maillist.html>
- <http://dev.eclipse.org/mhonarc/lists/egit-dev/maillist.html>

# Bugzilla



- JGit:
  - 11 bugs open, 5 enhancements
  - 28 bugs fixed since project started at Eclipse
- EGit:
  - 50 bugs open, 2 critical, 5 major, 12 enhancements
  - 146 bugs fixed since project started at Eclipse

# Committers - JGit



- Chris Aniszczyk (Red Hat)
- Christian Halstrick (SAP)
- Gunnar Wagenknecht (Ageto)
- Matthias Sohn (SAP)
- Robin Rosenberg (Dewire)
- Shawn Pearce (Google)
- Stefan Lay (SAP)

# Committers - EGit



- Chris Aniszczyk (Red Hat)
- Christian Halstrick (SAP)
- Gunnar Wagenknecht (Ageto)
- Matthias Sohn (SAP)
- Mik Kersten (Tasktop)
- Mykola Nikishov (Independent)
- Robin Rosenberg (Dewire)
- Shawn Pearce (Google)
- Stefan Lay (SAP)
- *Mathias Kinzler (SAP) - NEW!*
- *Remy Suen (IBM) - NEW!*

# Community



Significant new code contributions from the community in 0.8

Gerrit Code Review: <http://egit.eclipse.org>

- EGit
  - Tagging Support (CQ 4073)

# IP Logs



- JGit

- <http://www.eclipse.org/jgit/iplog/current.xml>

- EGit

- <http://www.eclipse.org/egit/iplog/current.xml>

# Schedule



- 0.9.0 - September 2010
  - Synchronize / Staging View
  - Full Merge Support
  - Rebase Support
  - Git Notes Support
- 1.0.0 - December 2010
  - Solidify API for JGit
  - Make EGit consumable by all
  - Be e4 ready :)

# Project Plan



## Available at

- <http://eclipse.org/projects/project-plan.php?projectid=technology.egit>
- <http://eclipse.org/projects/project-plan.php?projectid=technology.jgit>

## Themes

- Usability
- Documentation Improvements
- Building a Community