# Mylyn 3.0 Release Review

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# Features

Features added since Mylyn 2.0 are blue

- Task List (org.eclipse.mylyn.tasks.*)
    - Integrated tasks management for Eclipse (required)
    - Task management view, rich editing, offline support
- Task-Focused UI (org.eclipse.mylyn.context.*)
    - Automated context management (optional)
- IDE (org.eclipse.mylyn.ide.ui.*)
    - Ant, CVS, Bug reporting
- PDE (org.eclipse.mylyn.pde.ui.*)
    - Ant, CVS, Bug reporting
- Team (org.eclipse.mylyn.team.*)
    - Team APIs
- Bugzilla Connector (org.eclipse.mylyn.bugzilla.*)
    - Integrates Task List with Bugzilla repository (optional)
- JIRA Connector (org.eclipse.mylyn.jira.*)
    - Integrates Task List with JIRA repository (optional)
- Trac Connector (org.eclipse.mylyn.trac.*)
    - Integrates Task List with Trac repository (optional)
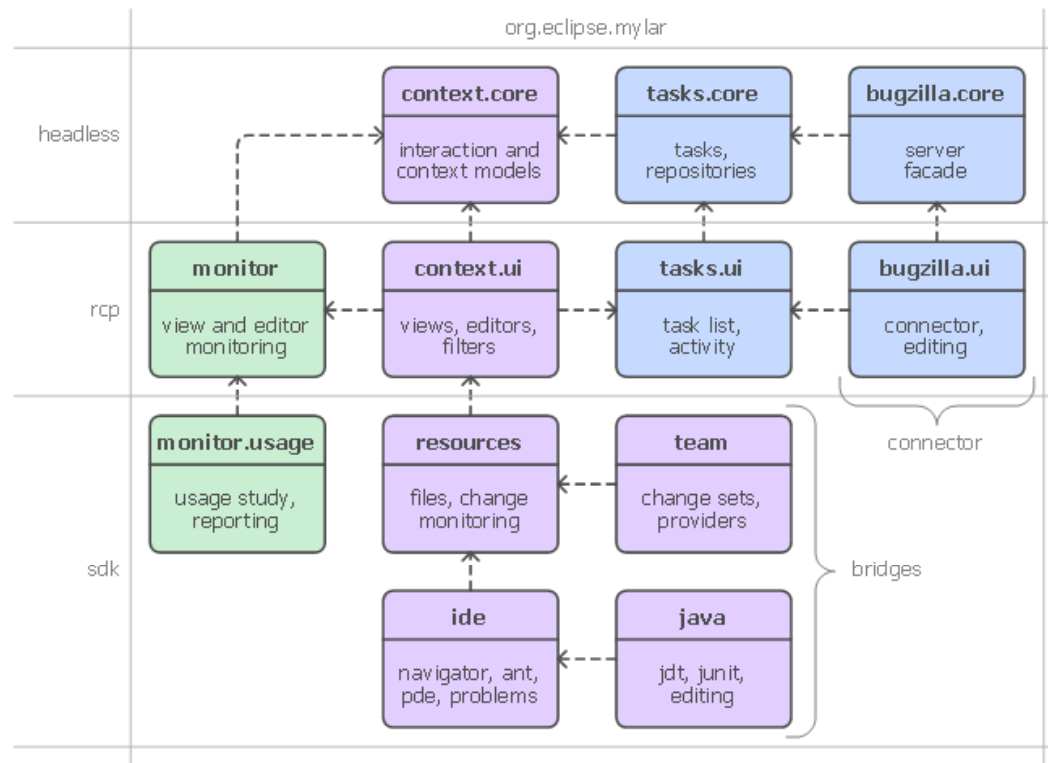
# Non-code aspects

- User documentation
    - New webinar on Mylyn 2.2, most viewed on Eclipse Live
    - Wiki-based FAQ, User Guide, and Tips & Tricks
    - Web site: getting started, articles, flash videos, webinar
- Developer documentation
    - Wiki-based Contributors Guide
    - Wiki-based Integrators Guide
- Localization/externalization
    - We now have requests for this, hoping to do for 3.0

- IP Log
    - http://www.eclipse.org/mylyn/doc/mylyn-iplog.csv

# APIs

- Breaking API changes since Mylyn 2.3:
  - See: http://wiki.eclipse.org/Mylyn_Porting_Guide
- Frameworks:
  - Commons API
  - Context API
  - Tasks API
  - Monitor API
  - Team API

# Tool Usability (unchanged since 2.3)

- Maturity
  - Constant stream of stable releases
  - Bundled as part of EPP distributions
  - Committers work from HEAD, contributors from weekly builds, community from milestone releases
- User feedback says it best
  - "..arguably the most productivity-enhancing idea since background compilation and all of the things that enables (namely refactoring and syntax highlighting).  I just don't know how I ever was able to read and understand the Eclipse sources (or the sources of other large projects I've worked on) before Mylar, it's just that good." (David Orme)
  - "I would like to commend you on this very good tool. It has increased my productivity by 3 folds - no kidding..." (Deepak Devje)

# Architectural Issues

- For Mylyn 3.0 we adopted the API tooling and re-architected the core APIs to remove the need for most clients to use internals (both our own features and external clients).  We also took this opportunity to remove internals that had leaked into the API.
- For Mylyn 2.3 we created a new kind of bundle activator for the Task-Focused UI and have finally addressed all known issues with startup concurrency, performance and laziness.
- Through Mylyn 2.2 we had some challenging startup problems having to do with the way that Mylyn extends the eclipse UI as a whole, and the fact that Mylyn needs to lazy load.

# End-of-Life

- All Mylyn 2.0 streams have reached end-of-life.
- Mylyn 3.0 supports both Eclipse 3.4 and Eclipse 3.3 via separate branches.

# Bugzilla

- Bugs resolved

  - Mylyn 3.0 (June 25, 2008): 315

  - Mylyn 2.3 (Feb. 27, 2008): 276

  - Mylyn 2.2 (Dec. 19, 2007): 384

  - Mylyn 2.1 (Sep. 28, 2007): 462

# Standards (no changes since 2.1)

- Mylyn requires J2SE 1.5, provides warning if installed on 1.4
  - Key driver for using1.5 was the benefits of generics-aware APIs

# UI Usability (no changes since 2.1)

- Accessibility
  - No review for this release, but following accessibility guidelines
  - http://www.eclipse.org/articles/Article-Accessibility/index.html
- Follow the User Interface Guidelines
  - Focus on consistent visual design, UI elements, icons
  - http://wiki.eclipse.org/index.php/User_Interface_Guidelines
- Validated UI usability with field study
  - For details see:
    http://kerstens.org/mik/publications/2006-11-mylar-fse.pdf
  - Mylyn Monitor is being used to gather usage feedback:
    http://mylyn.eclipse.org/monitor/upload/UsageAnalysisServlet

# Schedule (minor RC adjustments since 2.1)

| Release | Date | Platform Release | Notes |
|---------|------|------------------|-------|
| Mylyn 2.1M | August 27, 2007 | Eclipse 3.3.0 and 3.4M1 | Ganymede Milestone |
| Mylyn 2.1 | September 26, 2007 | Eclipse 3.3.1 and 3.4M2 | Europa Fall Maintenance |
| Mylyn 2.2M | November 7, 2007 | Eclipse 3.3.1 and 3.4M3 | Ganymede Milestone |
| Mylyn 2.2 | December 19, 2007 | Eclipse 3.3.1 and 3.4M4 | |
| Mylyn 2.3M | February 11, 2008 | Eclipse 3.3.1 and 3.4M5 | Ganymede Milestone |
| Mylyn 2.3 | February 27, 2008 | Eclipse 3.3.2 and 3.4M5eh | Europa Winter Maintenance (Feb 29) |
| Mylyn 3.0RC1 | May 21, 2008 | Eclipse 3.4RC1 | Reference implementations ported |
| Mylyn 3.0RC2 | May 28, 2008 | Eclipse 3.3.2 and 3.4RC2 | |
| Mylyn 3.0RC3 | June 4, 2008 | Eclipse 3.3.2 and 3.4RC3 | API frozen |
| Mylyn 3.0RC4 | June 11, 2008 | Eclipse 3.3.2 and 3.4RC4 | |
| Mylyn 3.0 | Jun 25, 2008 | Eclipse 3.3.2 and 3.4.0 | Ganymede Release |

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# Process

- Open, transparent, permeable, and inclusive
    - 228 bugs resolved via one or more contributor patches since 2.0
    - All discussions in Bugzilla, mailing list, newsgroup, and open developer conference calls

# Communities (unchanged since 2.0)

- Users
  - Lively community on newsgroup and bug reports
  - Articles and blogs by community members
- Developers
  - Contributor documentation on Eclipsepedia
  - Lively community on mylyn-dev and bug reports
- Integrators
  - Integrator documentation on Eclipsepedia
  - New mylyn-integrators mailing list will remove need for integrators to watch the higher-traffic mylyn-dev
  - Specific discussions on "[connector]" and "[bridge]" bug reports, as well as "manage integration with Foobar" bug reports

# Project plan

- Covered on "Schedule" slide

# Release review version

- These slides are based on the following version of the Release review document
  - Version 032 – January 15, 2006